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ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1935



This Pamphlet is published for the benefit of the citizens of Chambersburg, that they may become better acquainted with those vital things in our community that go to make Chambersburg a better place in which to live.



ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA
For the Year Ending December 31, 1935



FOR THE YEAR
from
JANUARY 1, 1935, TO DECEMBER 31, 1935
Being
THE ONE HUNDRED AND THIRTY-SECOND SINCE INCORPORATED
AS A BOROUGH

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STATEMENT BY H. STANLEY APPENZELLAR, PRESIDENT OF TOWN COUNCIL

The tempo of living—politically, economically, and socially—has been so swift with a constantly increased acceleration during the past several decades, that even those most actively engaged and interested and best informed are left in a state of bewilderment not only what of real and enduring value has been accomplished, but as to the number and extent of the accomplishments themselves. Especially does this hold true of the period covered by the depression, or the years January, 1930, to January, 1936, inclusive. It may be well, therefore, for us to review, as briefly as the subject will permit, at least those works which are usually designated as permanent works that have been completed by the Borough of Chambersburg during this period. In this manner we can reacquaint ourselves with the variety and magnitude of our public works and appraise their value in the betterment of our community life.

It is an axiom more true in municipal life even than in individual lives that our work is never done or completed. No matter what the Borough's accomplishments have been in the past (and they have been many and great) today and tomorrow always lay down the challenge of more and greater services. Replacements of wornout and outmoded equipment, together with betterments and extension of existent and construction of new services, make constant demands on our financial resources. In addition, in the period under present survey, the providing of relief measures for the unemployed had to be met and the cost to the Borough in its share of these measures is represented by a very substantial outlay of money.

Even before Federal and State relief agencies were created and began to function, the Borough of Chambersburg operated a relief project of its very own. In 1931 it registered between seven and eight hundred of its unemployed citizens and gave them employment. The rate of pay was 30c per hour and the number of hours per week afforded each worker was based upon the number of those dependent on him. This Borough relief measure was very successful both in securing an adequate return for each dollar spent and in providing the relief necessary to each according to his need. In operation it handled the unemployed from all walks of life—the man from the shop, the office, the store, the professions and the labor mart. Each was required to give an honest day's work according to his ability, the nature of the work being principally that with pick and shovel. A man formerly from an office was not expected nor required to do as much as the one accustomed to hard manual labor. Nor was the man accustomed to hard work permitted to reduce his efforts so as to only match the output of the fellow who was "soft" and yet doing his best. A few who refused to work by these standards were early eliminated and never reemployed. In this way matters adjusted themselves and each man was out each day giving faithful service.

The principal relief work undertaken by the Borough was the Smith Alley storm sewer. A concrete box type, for much of its length four feet square, with sides and top 9-inches thick of reinforced concrete, it reaches from the Conococheague Creek at the West end of Washington Street to a point near the Eastern limits of town. All along its route numerous inlets into it are provided. Feeding into it are also many concrete box and concrete pipe laterals, reaching out like so many fingers. Altogether the length of this trunk storm sewer and its branches is 6,756.5 feet. This system drains most of the area in the

Southern and South-eastern sections of the town and its provision was long and urgently needed. Its cost, wholly provided from Borough funds, was \$28,942.88 and it was completed in 1932. With no intent of introducing a controversial statement, but to state with pardonable pride a fact readily substantiated from the records, this piece of construction shows a cost per unit of work done impressively lower than any project completed in the Borough by any of the relief agencies set up since.

The Federal and State relief plans started to function in the Fall of 1932 with "Food Order" payment for work done under relief. This system was terminated in November, 1933, and was supplanted by the C. W. A. (Civil Works Administration) which continued to April, 1934. C. W. A. was supplanted by L. W. D. (Labor Works Division), this system being terminated in September, 1934, to be followed by the W. D. (Works Division). W. D. had its exit in September, 1935, and was followed by the W. P. A. (Works Progress Administration) which is the relief agency in operation at the present time. In the transition from one to another of these set-ups, a number of projects but partially completed were abandoned by the works relief agency and were completed by the Borough at its own cost. Each succeeding agency was less efficient in measure of work done for dollars expended. In this respect, the "Food Order" system was the most efficient. Under its plan of operation, the Borough could use these men on any public work, either of maintenance or construction, under its own supervision and with the power to place the men in numbers and at places where the best results could be obtained. In addition to these work relief agencies, in which the Federal and State Government furnished the wages and the Borough supplied the materials, equipment, and engineering, the Federal Government made outright cash grants to certain types of permanent construction embracing "heavy industry" equipment. These projects were largely done by contract and under Borough supervision in the Light Department. This Federal agency is called the P. W. A. (Public Works Administration).

In this six year period we are considering, the principal improvements to the Borough Light Plant consisted of the installation of pulverizing equipment which permits the use of coal sizes not generally commercially desirable and consequently at a considerably cheaper cost. This necessitated change in the boilers to permit combustion of this fine coal (no grates used) and at the same time additional boilers were installed. The whole system of firing the boilers was thereby changed from hand stoking to automatic stoking, increasing the boiler capacity from 1420 to 2840 B. H. P. and effecting large savings in fuel costs and boiler operation. The other large installation at the Light Plant was a 2500 K. W. Turbo Generator. This replaced a 500 K. W. Turbo Generator set and leaves in addition to the new unit, two 1000 K. W. and one 500 K. W. sets in use. Before the placing of this large unit, the peak load had reached over 2100 K. W.'s, so that had one of the 1000 K. W. machines broken down, the Borough would not have been able to meet the peak demand. In the Water Department, the principal additions and improvements consisted in the construction of the impounding dam with 387,000,000 gallons storage and the placing of additional feeder mains, north, south, and west from the gravity line with larger pipes and increasing the flow and pressure of water in all parts of town. A list of these works in the Water, Light, and Sewer Departments with their costs to the Borough and contributions from the Federal Government are shown.

LIGHT PLANT

	Federal Aid	Borough Cost
Pulverizing Equipment and New Boiler	\$ 0.00	\$ 96,287.25
2500 K. W. Turbo Generator	26,100.00	82,218.13

WATER DEPARTMENT

Impounding Dam	3,794.60	121,034.50
New Chlorinator at Intake Dam	0.00	1,378.16
Extension Main—Miller Street, Martin Avenue, Central Avenue,	0.00	6,037.69
Extension Main—Ramsey Avenue, Elm Avenue, Hood and South Streets	0.00	1,918.35
Extension Main—Wayne Avenue (Feeder)	5,982.47	15,122.92
Extension Main—North Main (Feeder)	3,656.83	5,912.14
Extension Main—Feeder Main South	6,994.00	16,776.96
Extension Main—Spring Street	135.60	281.42
Extension Main—West (Feeder) via	5,382.40	5,499.24
Extension Main—Federal Street (Feeder) ..	835.95	1,349.77
Extension Main—East King Street	0.00	348.75
Installation of Fire Hydrants	0.00	432.54

SEWER DEPARTMENT

Extension—Norland Avenue	0.00	894.00
Extension—Center Street	0.00	816.04
Extension—Wilson Avenue	0.00	575.56
Extension—McKinley Street	831.30	579.60
Extension—South Fourth Street	0.00	989.77

Totals	\$53,713.15	\$358,452.79
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In addition to the Water, Light, and Sewer Departments, there were many capital expenditures aside from maintenance in the General Borough Departments including Administration, Streets, Police, Fire, and Miscellaneous. In a summary of these, it is impossible to place an accurate estimate on the value of the relief labor furnished, but where such labor was contributed the item will be so marked.

Expenditures of the Borough Departments for construction, purchase of property and equipment additional to regular maintenance expenditures from January 1, 1930, to January 3, 1936. No aid was received from any relief agency on any of the following items.

Enlargement of and improvements to City Hall offices ...	\$ 32,233.83
Construction of incinerator	419.27
Construction of Public Comfort Station (Borough's share)	5,688.17
46,000 sq. yds. of macadam paving on twenty-eight streets	23,002.77
5,390 linear feet of storm Sewers	46,000.69
4,350 sq. yds. of cement concrete paving	10,420.24
Construction of Loudon Street Bridge	8,749.89
Purchase and improvements to Henninger Field	6,459.82
Retaining wall at Henninger Field	1,911.23
Purchase Gilbert property for Sewer Construction	2,500.00
Purchase Peiffer property for opening Liberty Street ..	1,734.00

Purchase property on Fourth and Queen Streets and Lincoln Way East	5,160.00
Purchase fire truck for Friendship Company	10,000.00
Purchase Motor Street Sweeper	6,515.00
Purchase 3 ton G. M. C. truck	2,450.00
Purchase two 1 ton Ford trucks	1,636.36
Purchase Bituminous Concrete Mixer	950.00
Purchase Cement Concrete Mixer	880.30
Purchase Air Compressor	653.34
Purchase Air Hammers, Heaters, Mats, etc.	650.11
Opening and widening Liberty Street from Second Street to Third Street	6,782.41
Opening Fourth Street from McKinley Street to Wayne Avenue	7,445.33
Gas Company case before Public Service Commission	6,932.59
Contributions to Coyle Free Library	14,370.00
Total	\$203,545.35

**PROJECTS SPONSORED BY THE BOROUGH OF CHAMBERSBURG
AND CONSTRUCTED WITH LABOR CONTRIBUTED
BY FEDERAL RELIEF**

Macadam Paving on Second Street, between Lincoln Way East and Broad Street.
Widening and macadam paving on West Queen Street, from Water Street to Conococheague Creek.
Construction of Storm Sewers on North Second Street, Elm Avenue, Vine Street, Coldbrook Avenue, Liberty Street, Loudon Street, and Burkhart Avenue.
Grading and opening Grandview Avenue, Hollywell Avenue, Fifth Avenue, Seventh Street, and East Catharine Street.
Construction of reinforced concrete bridge on Fifth Avenue.
Removal of abandoned trolley tracks.
Property and Street Survey of entire Borough.
Cleaning and widening Conococheague Creek and Falling Spring.
Improvements at Henninger Field.
Painting all Fire Houses.
Addition to Cumberland Valley Fire House.
Adult recreation project.

Total Borough expenditures on above projects .. \$ 49,141.02

Wages received by persons employed on projects other than Water, Light or Sewer Departments, sponsored by the Borough of Chambersburg to January 3, 1936:

Food Orders, value	\$25,366.65
Civil Works Administration	33,943.28
Local Works Division	2,100.45
Works Division	30,230.35
Works Progress Administration	20,505.32

Relief Aid Total

Grand Total of Borough Expenditures in all Departments	\$611,139.16
Total Value of Relief Aid	\$165,859.20

It is apparent from the foregoing that the Borough of Chambersburg has taken full advantage of all the opportunities presented by the various lettered administrations of the Federal Government, from the time that these various administrations were authorized, up until the present time. There is just one way in which the heavy borrowings of the Federal Government can be repaid, and that is by the method of taxation, and the citizens of Chambersburg will have to pay just as much in the way of taxes to the Federal Government as the citizens of any other community. If there had been no advantage taken of the offers of the different alphabetical administrations, the citizens of Chambersburg would have to pay just as much to the Federal Government in the way of taxes as they will now have to pay after securing \$165,859.20. The boroughs that have been carefully managed were fortunate in that they could proceed with heavy capital expenditures, a portion of which was contributed by the Federal Government. During the year 1936, the Borough of Chambersburg will be constructing a duplicate water supply line from the mountain to Chambersburg, the estimated cost of which will be \$225,546.00, and of this amount there will be contributed by the Federal Government, in actual cash, \$101,495.00. This is a much needed improvement, and it is repeated that the Borough of Chambersburg has been remarkably fortunate that it was in such financial condition that full advantage could be taken of these offers on the part of the Federal Government.

All of the work embodied in the activities is desirable, in a great many cases necessary, and in all cases of a very permanent character. It might very properly be stated that the carrying on of all these major improvements, and at the same time reducing the Borough taxes from six to one mill is an achievement of some considerable magnitude.

H. STANLEY APPENZELLAR,
President of Chambersburg Town Council.

PERSONNEL OF THE BOROUGH GOVERNMENT

1935

R. C. VANDERAU	<i>Chief Burgess</i>
H. STANLEY APPENZELLAR	<i>President Town Council</i>
J. HASE MOWREY	<i>Manager of Utilities</i>
E. W. DAVIS	<i>Secretary</i>
WILLIAM PENTZ	<i>Treasurer</i>
EDMUND C. WINGERD	<i>Solicitor</i>
GEORGE H. BITNER	<i>Tax Collector</i>
HARRY R. GEARHART	<i>Auditor</i>
PAUL N. GEYER	<i>Auditor</i>
ALBERT S. HENNEBERGER	<i>Auditor</i>
MISS F. L. RINICK	<i>Chief Bookkeeper</i>
H. S. BYERS	<i>Chief of Police</i>
ROBERT MONN	<i>Superintendent of Water and Sewer</i>
F. D. RHODES, JR.	<i>Borough Engineer</i>
CHARLES F. PFOUTZ	<i>Assistant Borough Engineer</i>
W. W. MILLER	<i>Market Master</i>

COMMITTEES OF COUNCIL

FINANCE COMMITTEE

H. S. APPENZELLAR, *President*
 (a) H. C. KRAISS, *Chairman*—H.
 H. SWARTZ
 G. B. STOUFFER
 D. H. DIEHL
 J. H. KARNS

SEWER COMMITTEE

H. H. SWARTZ, *Chairman*
 J. H. KARNS
 G. FRED GIBBS

STREET COMMITTEE

H. C. KRAISS, *Chairman*—H. S.
 APPENZELLAR
 (b) H. H. SWARTZ—J. B. KAUF-
 MAN
 ELLWOOD JODER

PUBLIC SAFETY COMMITTEE

R. C. VANDERAU, *Chairman*
 H. S. BYERS
 G. FRED GIBBS
 B. F. SMALL

Note: (a) H. C. Kraiss resigned as Councilman from Fourth Ward on June 3, 1935, and H. H. Swartz, who had resigned as Councilman from Fifth Ward on June 3, 1935, was, by resolution of Council, appointed Councilman from Fourth Ward to fill the vacancy caused by resignation of H. C. Kraiss. H. S. Appenzellar was made Chairman of Finance Committee by action of Council on June 17, 1935, and H. H. Swartz was made a member of the Finance Committee on that same date.

Note: (b) On June 3, 1935, J. B. Kaufman was, by resolution of Council, appointed Councilman from Fifth Ward to fill the vacancy caused by the resignation of H. H. Swartz.

BOARD OF HEALTH

DR. B. M. BEATTIE, *President*
DR. L. H. SEATON
JAMES C. CLARK
PAUL WALKER
LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

- Note: (c) By action of Council on June 17, 1935, J. B. Kaufman was made a Trustee of the Coyle Free Library and appointed on the Street Committee and Industrial Committee.
- Note: (d) By motion of Council passed June 17, 1935, G. B. Stouffer was appointed Chairman of the Industrial Committee succeeding H. C. Kraiss, who resigned as Councilman from Fourth Ward on June 3, 1935.
- (e) H. C. Kraiss resigned as Councilman from Fourth Ward on June 3, 1935, leaving four members on the Borough Property Committee from that date.

PARKS AND PLAYGROUND COMMITTEE

C. H. PENSINGER, *Chairman*
G. FRED GIBBS
ELLWOOD JODER
D. H. DIEHL

COYLE LIBRARY TRUSTEES

(c) H. H. SWARTZ—J. B. KAUF-
MAN
ELLWOOD JODER

WATER AND LIGHT COMMITTEE

D. H. DIEHL, *Chairman*
J. H. KARNS
B. F. SMALL

FIRE COMMITTEE

C. H. PENSINGER, *Fire Marshal*
G. FRED GIBBS
G. B. STOFFER

INDUSTRIAL COMMITTEE

(d) H. C. KRAISS, *Chairman*—G.
B. STOFFER
C. H. PENSINGER
G. B. STOFFER
J. B. KAUFMAN

BOROUGH PROPERTY COMMITTEE

H. S. APPENZELLAR, *Chairman*
D. H. DIEHL
C. H. PENSINGER
H. H. SWARTZ
(e) H. C. KRAISS

PUBLIC COMFORT STATION COMMITTEE

J. H. KARNS, *Chairman*
D. H. DIEHL
B. F. SMALL

CIVIL WORKS COMMITTEE

D. H. DIEHL, *Chairman*
J. H. KARNS
ELLWOOD JODER

PERSONNEL OF THE BOROUGH GOVERNMENT

1936

R. C. VANDERAU	<i>Chief Burgess</i>
H. STANLEY APPENZELLAR	<i>President Town Council</i>
J. HASE MOWREY	<i>Manager of Utilities</i>
E. W. DAVIS	<i>Secretary</i>
CONRAD E. FOGELSANGER	<i>Treasurer</i>
EDMUND C. WINGERD	<i>Solicitor</i>
GEORGE H. BITNER	<i>Tax Collector</i>
HARRY R. GEARHART	<i>Auditor</i>
PAUL N. GEYER	<i>Auditor</i>
ALBERT S. HENNEBERGER	<i>Auditor</i>
MISS F. L. RINICK	<i>Chief Bookkeeper</i>
H. S. BYERS	<i>Chief of Police</i>
ROBERT MONN	<i>Superintendent of Water and Sewer</i>
F. D. RHODES, JR.	<i>Borough Engineer</i>
CHARLES F. PFOUTZ	<i>Assistant Borough Engineer</i>
W. W. MILLER	<i>Market Master</i>

COMMITTEES OF COUNCIL

FINANCE COMMITTEE

H. S. APPENZELLAR, *Chairman*
J. H. KARNS
G. FRED GIBBS
G. B. STOUFFER
J. HARVEY MARTIN

STREET COMMITTEE

ELLWOOD JODER, *Chairman*
G. S. KLENZING
J. HARVEY MARTIN

SEWER COMMITTEE

G. B. STOUFFER, *Chairman*
B. F. SMALL
J. HARVEY MARTIN

PUBLIC SAFETY COMMITTEE

BURGESS R. C. VANDERAU,
Chairman
CHIEF H. S. BYERS
G. FRED GIBBS
B. F. SMALL
T. C. McCULLOUGH

PARK AND PLAYGROUND

C. H. PENSINGER, *Chairman*
ELLWOOD JODER
G. S. KLENZING
G. FRED GIBBS

COYLE LIBRARY TRUSTEES

ELLWOOD JODER
C. H. PENSINGER

WATER AND LIGHT COMMITTEE

J. H. KARNS, *Chairman*
B. F. SMALL
T. C. McCULLOUGH

FIRE COMMITTEE

G. FRED GIBBS, *Fire Marshal*
C. H. PENSINGER
G. S. KLENZING

INDUSTRIAL COMMITTEE

G. B. STOFFER, *Chairman*
ELLWOOD JODER
T. C. McCULLOUGH

BOROUGH PROPERTY
COMMITTEE

H. S. APPENZELLAR, *Chairman*
J. H. KARNS
ELLWOOD JODER
G. FRED GIBBS
G. B. STOFFER

PUBLIC COMFORT STATION
COMMITTEE

J. H. KARNS, *Chairman*
J. HARVEY MARTIN
T. C. McCULLOUGH

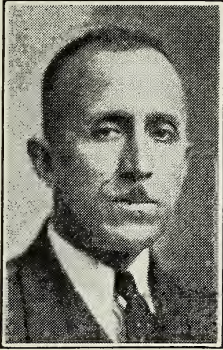
CIVIL WORKS COMMITTEE

B. F. SMALL, *Chairman*
G. S. KLENZING
T. C. McCULLOUGH

BOARD OF HEALTH

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DR. L. H. SEATON
JAMES C. CLARK
PAUL WALKER
LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



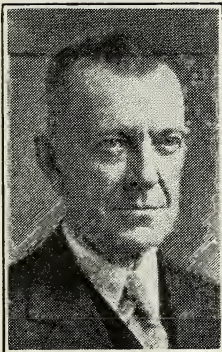
ELLWOOD JODER
Councilman, 1st Ward



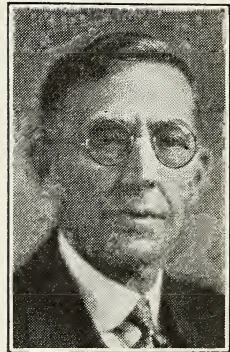
G. FRED GIBBS
Councilman, 1st Ward



R. C. VANDERAU
Chief Burgess

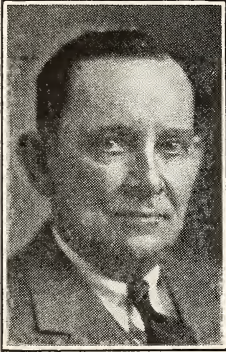


J. H. KARNS
Councilman, 2nd Ward

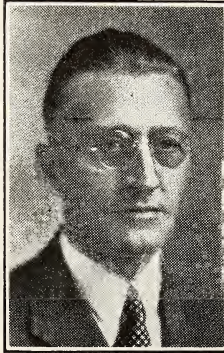


D. H. DIEHL
Councilman, 2nd Ward

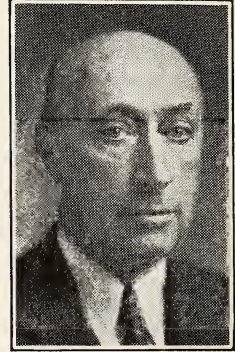
**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



C. H. PENSINGER
Councilman, 3rd Ward



H. S. APPENZELLAR
*President of Council
Councilman, 3rd Ward*



H. C. KRAISS
Councilman, 4th Ward



G. B. STOFFER
Councilman, 4th Ward

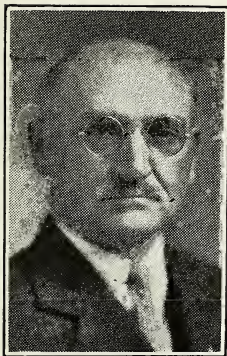


J. B. KAUFMAN
Councilman, 5th Ward

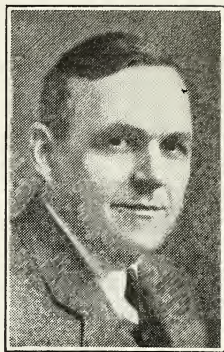


H. H. SWARTZ
*Councilman, 5th Ward
Councilman, 4th Ward*

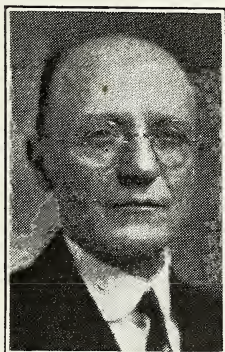
**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



B. F. SMALL
Councilman, 5th Ward



EDMUND C. WINGERD
Borough Solicitor



J. HASE MOWREY
Manager of Utilities



F. D. RHODES, JR.
Borough Engineer



H. S. BYERS
Chief of Police

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



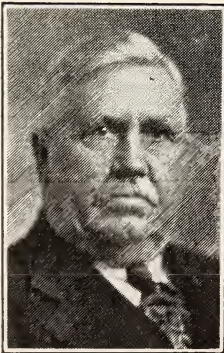
F. L. RINICK
Chief Bookkeeper



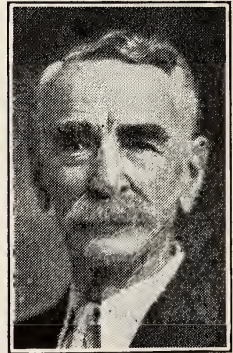
ROBERT MONN
Supt. of Water and Sewer



E. W. DAVIS
Borough Clerk



W. H. WASHINGER
Supt. of Streets



W. W. MILLER
Market Master



MUNICIPAL OFFICE BUILDING

HISTORICAL

Chambersburg was founded by Benjamin Chambers at "Fawling Spring on Cannogogige," in 1734, and in 1764 Benjamin Chambers writes, "there is a town laid out on Conegogig Creek." The Town was incorporated by an Act of the General Assembly of the State of Pennsylvania, March 21, 1803, and the first Burgess and Town Council consisted of the following: Chief Burgess—Major John Holliday; Councilmen—Edward Crawford, Esq., Andrew Dunlap, Christian Oister, John Shryock, and Patrick Campbell. It has grown slowly, but its growth has been steady and its accomplishments enduring. Today, it bears the rather enviable reputation of being one of the outstanding boroughs in the State of Pennsylvania, and its citizens enjoy more vital services at a much lower cost than any other borough in the State.

POLICE DEPARTMENT

The first police force for the Borough of Chambersburg was established January 16, 1818, by the following action of Town Council, "Be it ordained, etc., That four men shall be employed to watch and patrol the streets of the Borough, during the night, from nine o'clock until daybreak, for the term of three months from this date, to guard the property of the inhabitants, as far as in their power, from incendiaries, thieves, and plunderers, and to arrest and detain all vagrants and night walkers until the morning, unless he, she, or they, can give a satisfactory account of their purpose and the occasion of their being found on the street—and also call the hour."

The Council entered into an article of agreement dated January 17, 1818, with Robert Allison, as Captain, William McElhany, Jacob Heckerman, and Dan McAllister, privates, to patrol the town from nine o'clock until daybreak, call the hour, and light any lamps that are, or may be erected, for which the Captain was to receive \$18.00 per month, and each private \$15.00 per month, and the Council was to furnish each one with a sufficiently warm watch-coat.

From the following proclamation, it is evident that 119 years ago, the sources of amusement for the good people of Chambersburg were more varied, permanent, and better protected than they are today:

"To Robert Allison, High Constable

Sir: You are hereby authorized to attend the Theatre in the Borough of Chambersburg and Protect the Manager thereof whilst acting from any disorderly Person or Persons—and if any Person or Persons attempt to disturb said actors during their performans—you are hereby Commanded to bring him or them before me or any Justice of the Peace in said Borough to be dealt with according to Law. Fail not.

Given under my hand and seal this 19th day of July, 1816.

(Signed) PATRICK CAMPBELL, Burgess."

From this very modest beginning, the Police Department has developed into a highly efficient and very completely equipped organization, consisting of a Chief, one Lieutenant and six Patrolmen. Their equip-

ment consists of a Hardinge Police Register System, dictograph, finger printing outfit, Colts 38 calibre revolvers, tear gas guns, tear gas hand grenades, police car, and two motorcycles.

During the year 1935, the Police Department answered 818 calls. This is exclusive of all calls answered by the Chief, or by the Lieutenant. There was a total number of 477 arrests made for various offenses. The arrests for drunk and disorderly conduct totaled 191. There were 20 actual cases of breaking-in and larceny reported, and 8 arrests were made in these 20 cases. All cases of breaking-in and larceny were solved and conviction obtained. For all other violations, mostly of a minor character having to do with traffic violations, there were 150 arrests made. There were 157 store doors found unlocked by the officers at night. The total amount of fines collected was \$285.00.

FIRE DEPARTMENT

More than one hundred and fifty years ago, in 1790 to be exact, when the village of Chambersburg consisted entirely of either log or frame houses, and the fire hazard was great because of wood fires upon the open hearth, the necessity of providing protection from fire was first discussed, and the Friendship Fire Company, an organization of citizens equipped with buckets, was formed.

Since that time, with the expansion of the village from a few houses to a borough of the first magnitude, the formation of additional companies became necessary, and their equipment, from bucket to hand pump, to hose reel, to steam fire engine, and, during the past fifteen years to modernized motor drawn and motor driven apparatus, has kept pace with the times.

Today, the fire department consists of five companies, advantageously located, and equipped with three American LaFrance Pumpers, an aerial truck with 65-foot ladder, a chemical and hose wagon, a City Service truck with booster pump, a truck equipped with a Foamite unit, a squad and chemical car, and an ambulance.

The companies are entirely volunteer, only the drivers of the apparatus receiving pay from the Borough. The fire houses are owned by the Borough and under the care of the Property Committee of the Borough Council.

In addition to the above mentioned equipment, the town is completely covered by the Gamewell fire alarm system, consisting of 53 fire alarm boxes, 5 station house indicators and gongs, and one general alarm, all storage battery operated, and 212 latest type fire plugs are installed at the most advantageous points.

The Department answered 103 still alarms and 22 general alarms during the year. The total estimated fire loss during the year was \$900.00.

STREET DEPARTMENT

On March 30, 1734, Benjamin Chambers was given a grant to take, settle, and improve 400 acres of land at the mouth of the Falling Spring and Conococheague Creek, but this tract was not sub-divided until 1764

when it was laid out as a town and called Chambers Town, which name was changed to Chambersburg when Franklin County was erected in 1784.

The limits of the town at that time were on the north by the Falling Spring, on the east by Second Street, on the south by approximately Liberty Street, and on the west by the Conococheague Creek.

In the beginning of the 19th Century no streets had been graded or paved, although each property owner was required to maintain a walk in front of his own property. The original plan of the inhabitants was to make Second Street the principal business street, but this was changed to Main Street after considerable influence was exerted by those property owners.

Prior to 1813, the Lincoln Highway and Main Street were repaired by the Turnpike Company, by turnpiking which consisted of placing one foot of broken stone covered with gravel and clay. The first record of a contract awarded by the Borough was in 1813 to repair the Lincoln Highway and Main Street near the "Diamond."

The first covered storm sewer was built in Burkhart Avenue from Main Street to the Creek in 1823. This sewer had an inside height of 4½ feet and width of 3½ feet.

The extension of this form of street repairs, grading, and sewers continued with some modifications until 1912 when the present brick paving was laid and plans adopted to continue this paving four blocks each year. This plan was not followed due to the increased cost of materials.

In 1918 a general plan of macadam construction and surface oiling was adopted and the Lincoln Highway and Main Street were paved first with water-bound macadam and treated with road oil. This is the first year that a large quantity of road oil was used as a maintenance and construction material. Prior to this time oil was used as a dust preventive and partially paid for by the property owners abutting on the streets treated.

This plan was continued until 1927 and 1928, when the Lincoln Highway and Main Street were again repaved with reinforced cement concrete.

In addition to all the usual maintenance works, such as patching, oiling, sweeping and removing refuse from streets, snow removal, grading, dust control, etc., the following construction work was done during 1935:—

Projects constructed with the aid of Relief Labor:—

1. North Second Street between Lincoln Way East and East King Street was paved with a water-bound macadam base having a P. S. H. D. Specification "E" surface. Cement concrete gutters were constructed on either side. This required 1,600 square yards of macadam and 275 square yards of cement concrete.
2. West Queen Street, from Water Street to the Conococheague Creek was widened to a 36-foot roadway and paved with 3,500 square yards of water-bound macadam, oil treated. A concrete curb, gutter, and sidewalk requiring 33 cubic yards of concrete was constructed along the north side in payment for land acquired from the abutting owners.
3. The grading of Seventh Street from Liberty Street to Catherine Street and Catherine Street from Sixth Street to Seventh Street was partially completed. Approximately 1,800 cubic yards were excavated.

4. A concrete box storm sewer was constructed on Second Street from King Street to Lincoln Way East, with the necessary laterals and inlets, a distance of 542 feet.

5. A concrete box storm sewer was constructed on Loudon Street from the Conococheague Creek to Federal Street, a distance of 540 feet, with the necessary laterals and inlets on Federal Street.

6. On Burkhart Avenue a concrete box storm sewer was started which will extend from the Conococheague Creek to a point near South Main Street. This sewer will replace a 24-inch terra cotta sewer which has not proved adequate for proper drainage of this area.

7. The Conococheague Creek was widened and straightened at various places and large deposits of washed materials removed. Dry masonry walls were built at curves to protect the banks. Similar work in the Falling Spring was started but weather conditions prevented its completion this year. Approximately 4,000 cubic yards were removed.

The total cost to the Borough for the above improvements was \$10,505.35.

* * * * *

Projects completed and paid for entirely from Borough Funds:—

1. Elm Avenue from Fourth Street to Sixth Street was paved with water-bound macadam, oil treated.

2. Fifth Avenue from Grant Street to Scotland Avenue, a distance of 4,000 feet, was surfaced with stone chips and road oil, as the initial work for a durable surface.

3. Garfield Street and several alleys in the vicinity of Fourth Street were graded and paved with macadam due to building operations in that vicinity.

4. A 24-inch concrete storm sewer was constructed across Hood Street to help relieve drainage conditions in the Cedar Grove Cemetery and on Hood Street.

5. Due to the construction of the bridge over the Pennsylvania Railroad tracks on Wayne Avenue, it was necessary to erect a retaining wall and relocate the fence for the Chambersburg Engineering Company.

6. For the first time all alleys within a certain area, containing 3,000 square yards, were treated with road oil, and if the present plan is followed of extending this area each year, all alleys will have a bituminous surface within five years.

7. Eleven street and alley crossings were repaved with cement concrete.

8. Purchase of an electric Bituminous Concrete Mixer.

The total cost of the above work was \$7,469.63

STREET DEPARTMENT REPORT

FOR THE YEAR ENDING DECEMBER 31, 1935

In presenting this report of the Street Department activities during 1935, we feel it is interesting to show in addition a comparative report of the works completed during the past seventeen years. The progress in highway construction and maintenance has made necessary large expenditures for drainage structures and bridges.

Comparative report of streets, alleys, sewers, bridges, as of 1918 and 1935 showing works completed by the Street Department during the past seventeen years:

STREET SURFACES

1918		1935
Square Yards	Type	Square Yards
3,850.....	Oil Treated Water Bound Macadam.....	362,986
0.....	Oil Treated Bituminous Macadam.....	46,515
0.....	Reinforced Concrete.....	72,663
14,712.....	Brick on Concrete Base.....	14,712
0.....	Bituminous Concrete.....	6,851
302,400.....	Stone and Cinder.....	81,813
188,200.....	Clay or Slate.....	11,900
96,965.....	Not Opened.....	8,687
Total—606,127 sq. yds. or 30.936 miles.		

ALLEY SURFACES

1918		1935
Miles		Miles
0.....	Reinforced Cement Concrete.....	.65
4.10.....	Macadam	18.98
17.90.....	Clay or Slate.....	2.37
Total—22 miles.		

UNDERGROUND SURFACE WATER DRAINS

1918		1935
Linear Feet		Linear Feet
2,610.....	12" Terra Cotta Pipe.....	2,610
200.....	18" Terra Cotta Pipe.....	4,380
0.....	15" Terra Cotta Pipe.....	260
2,650.....	24" Terra Cotta Pipe.....	5,415
0.....	36" Terra Cotta Pipe.....	452
0.....	15" Concrete Pipe.....	350
0.....	18" Concrete Pipe.....	534
775.....	24" Concrete Pipe.....	1,085
0.....	18" Iron Pipe.....	1,050
0.....	3' x 2.5' Concrete Box.....	1,662
0.....	4' x 3' Concrete Box.....	1,042
0.....	3' x 3' Concrete Box.....	7,058
0.....	4' x 4' Concrete Box.....	6,304
6,235.....	Totals	32,202
31.....	Inlets	226

NEW BRIDGES (1918-1935)

Commerce Street over Conococheague Creek.
 Loudon Street over Conococheague Creek.
 King Street (Top and Sidewalks) over Conococheague Creek.

Kennedy Street over Falling Spring.
Fifth Avenue over Falling Spring.
King Street over Falling Spring.

STREETS OPENED AND WIDENED BY THE BOROUGH

Fourth Street between Long Lane and Brandon.
Hood Street between King Street and Commerce Street.
Seventh Street between Lincoln Way East and Montgomery Avenue.
Liberty Street between Second Street and Third Street.
Queen Street between Water Street and Loudon Street.
Fourth Street between Queen Street and Lincoln Way East (property purchased).
McKinley Street between Fourth Street and Fifth Street.
Seventh Street between Liberty Street and Catherine Street.
Catherine Street between Sixth Street and Seventh Street.

ENGINEERING DEPARTMENT

The office of the Borough Engineer in Chambersburg was created by Ordinance approved by the Burgess and Town Council on June 14, 1909.

The Town Council appoints the Borough Engineer, and they are the judges of what assistants shall be furnished. He shall furnish all engineering for all departments unless otherwise directed by Council: To make profiles and plans of all streets, alleys, sewers, bridges, and to keep proper records of same; To have charge of all Borough property not under the supervision of the Manager of Utilities; To have general supervision over all work of the Street Department and to report monthly to the Borough Council of all works completed; To keep records of locations of water, sewer, and gas pipes; To furnish and supply maps, charts, profiles, plans, specifications, estimates, data, and advice to Town Council, all committees and officers of the Borough.

PUBLIC COMFORT STATION

A Public Comfort Station was built by the Borough of Chambersburg and the Commissioners of Franklin County in 1932 at a total cost of \$10,689.03, and is maintained jointly by them. The operating costs and repairs are divided. In 1935, the costs were \$907.62, of which the Borough paid \$460.38. In addition the Borough furnished water and electricity to the amount of \$379.35, and the County Commissioners furnished heat and janitor service, without charge.

Two attendants are employed and are on duty each day during the hours of operation to maintain order and keep the station in an orderly and sanitary condition.

The use made of this station has greatly exceeded the estimates made by the original promoters, and the records kept show that more than 2,000 people attended this station in one day.

PARKS AND PLAYGROUNDS

Small park areas are owned and maintained on Commerce Street, Grandview Avenue, Borough Farm, Memorial Fountain, and Fountain on Glen Street, and in addition the banks of the Conococheague Creek and Falling Spring are maintained and planted by the Borough.

The playground system has been developed in five small playgrounds with Henninger Field as the center of competitive events.

Practically all the playground equipment was purchased by the citizens in the vicinity of each playground and maintained by them until several years ago the Borough accepted the responsibility of all equipment, maintenance, and repairs. Wading pools have been constructed on the Fifth Ward and Stevens Playgrounds. Tennis courts are provided for Stevens, Fifth Ward, Buchanan, and Henninger Field. Swimming facilities are offered on Montgomery Avenue.

A general playground supervisor having college training directs and plans all activities and has under his direction five directors who are in attendance on all playgrounds certain hours of each day to supervise, direct, and instruct in all forms of athletic and dramatic contests. The program is planned to provide these facilities for persons from three to twenty years of age. This work is continued for twelve weeks each year. In addition to the above directors, a full time employee is in charge of Henninger Field from 7:00 A. M. to dark each day except Sunday. He makes all repairs to equipment, cuts grass, repairs ball field and tennis courts, and is in attendance at all football games and baseball games. The average daily attendance on all playgrounds was 716 during 1935, according to records kept by each director.

During 1935, an entire new fence was constructed on the southern boundary of Henninger Field and major repairs made to the bleachers and grand stand. A WPA project has not been completed for the painting of all fences and other structures.

HISTORY OF THE CHAMBERSBURG HEALTH BOARD

The first meeting of the Chambersburg Health Board was held in Council Hall, September 26, 1893. The following men—Dr. Johnston McLanahan, A. J. White, J. Brua Hoyer, and George Denton were sworn in as members by Burgess George A. Wood. Dr. John A. Bouse was appointed Health Officer.

Dr. McLanahan was elected President of the Board, which office he held until October 3, 1912.

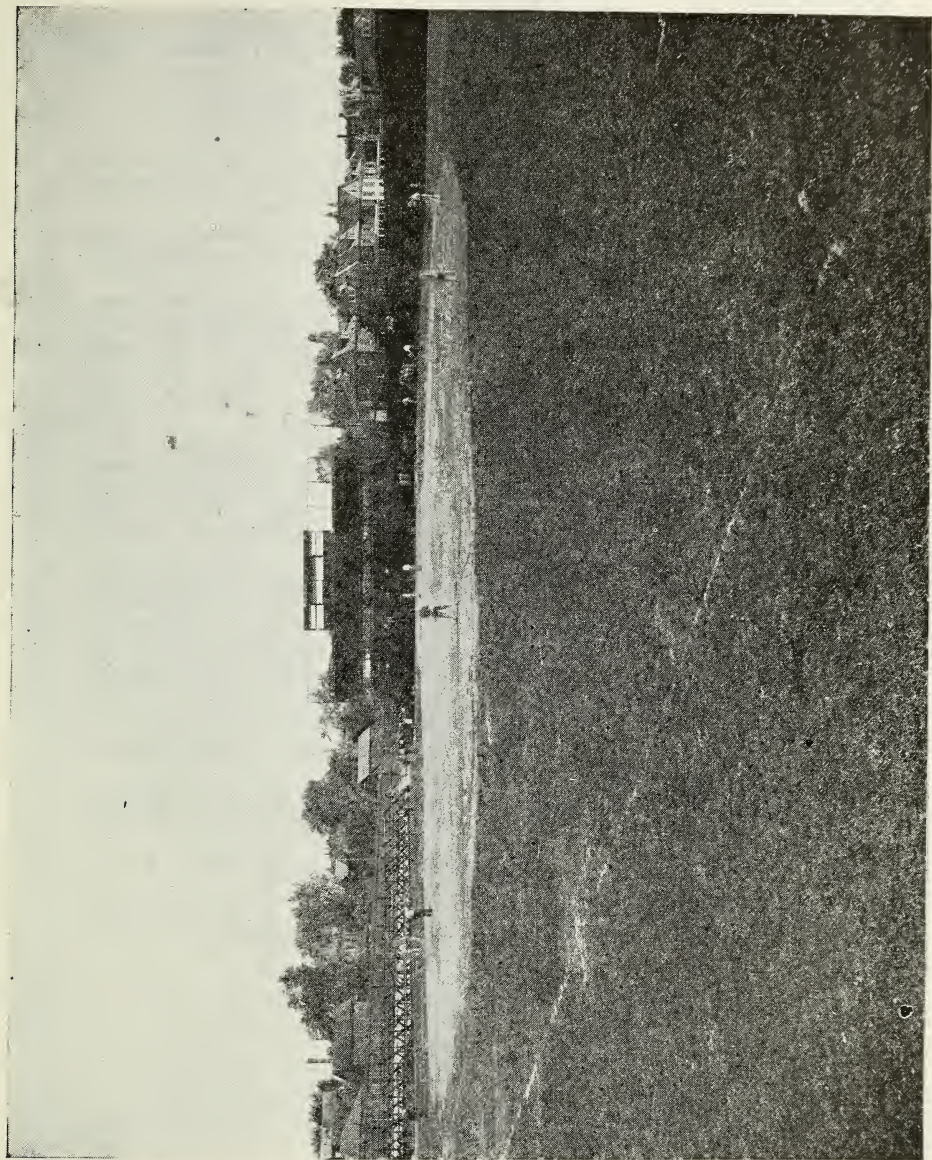
Among the first duties of the Board were the enacting of local sanitary measures which, in conjunction with the State regulation, began functioning shortly after its inception.

The Health Board was the outcome of an Act of the General Assembly of May 9, 1893, authorizing Chambersburg such a Board. Those who served as members of this Board until the present date are as follows:

A. J. White
Dr. John A. Bouse
Daniel O. Gehr

E. E. Foust
Dr. J. J. Eckel
Dr. Paul Allen

Thomas K. Scheller
Dr. Guy P. Asper
Dr. B. M. Beattie



HENNINGER FIELD

Dr. Helen Stewart
Paul Walker
J. Brua Hoyer
Capt. W. H. Mackey
Daniel Harmony
T. C. Karper
Geo. F. Arris
A. L. Logue

Morris Lloyd
W. O. Nicklas
Jacob Schaff
Milton McDowell
George Denton
W. L. Ritchey
Dr. H. M. Miley

J. W. Rearick
C. P. Miller
Geo. K. Lehner
Herman Kraiss
Dr. L. H. Seaton
H. A. Kottcamp
James C. Clark
Lester Marshall

Mr. Lloyd succeeded Dr. McLanahan as President in 1914, there being no record from October, 1912 to 1914, and continued in this office until his death in 1932, his successor being Dr. B. M. Beattie.

The duties of the Health Board have varied with conditions of the times, but the main actions have always been the maintaining of sanitary health measures concerning the public.

The records of 1893 show considerable controversy about the keeping of hogs within the Borough. With the advent of the sanitary sewer, the abolishing of cesspools and the connecting of houses to the sewer gave rise to a great many problems.

Contagious diseases and their control have always been one of the chief duties of the Health Board.

Other duties are seeing that the milk supply is brought to the consumer in the best possible condition as a palatable, healthful product, free of preservatives or adulterations, issuing of health certificates to those who work or are employed in restaurants, drug stores, hotels, eating-houses, etc., nuisances affecting the public are corrected and the general civic conditions of the city are observed.

A main feature of the Board's activities during 1934 was the enacting of an ordinance prohibiting the display of food stuff on the sidewalks.

During the year 1935, the Chambersburg Health Board through its Health Officer investigated 1,386 calls, issued 359 Health Certificates to employees in places handling food stuffs within the Borough, cared for 97 common nuisances and granted 10 permits to milk dealers.

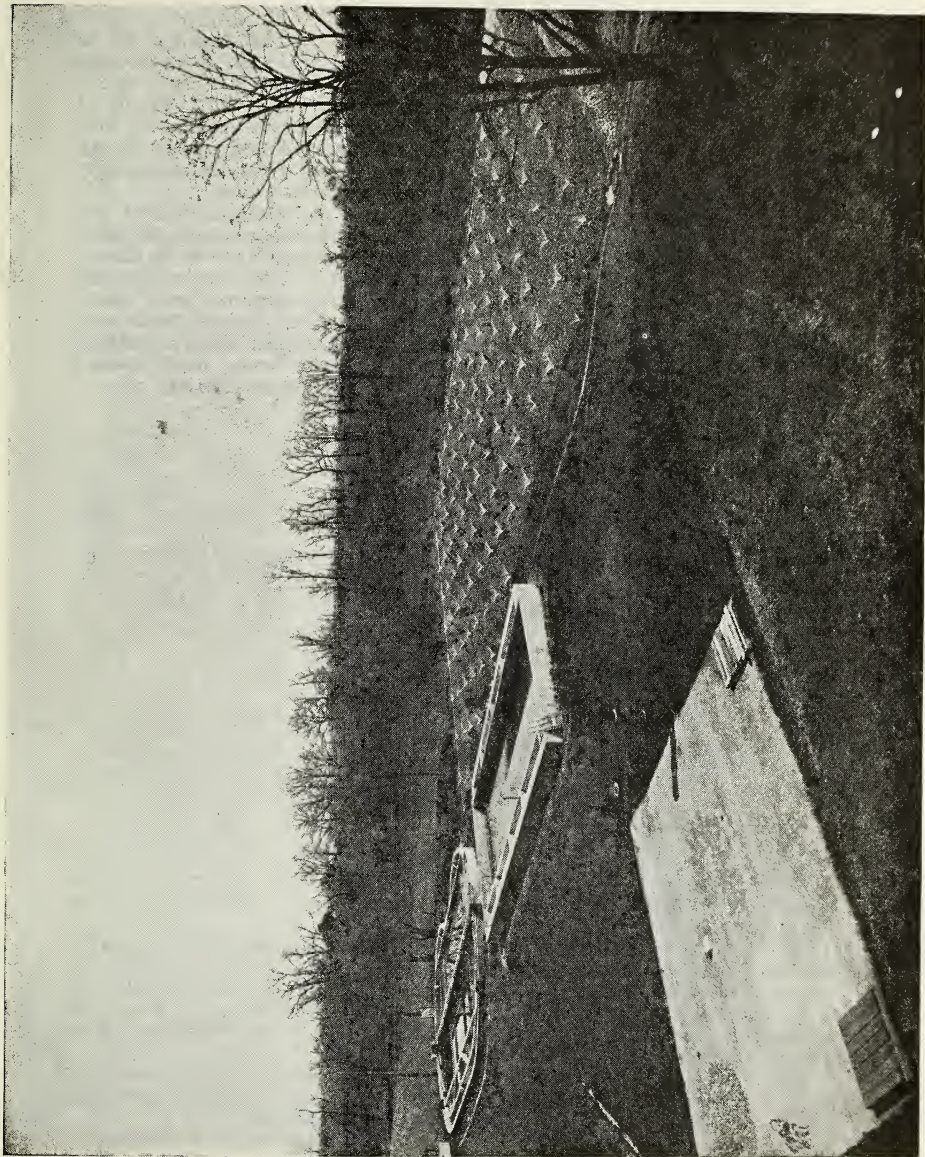
Twenty-two connections were made to the Sanitary Sewer.

Sediment testing of milk was made quarterly and the preservative test made annually.

Anyone whose milk registered unsatisfactory on two successive testings were refused the privilege of selling milk within the Borough for local distribution.

The Board meets the last Monday of each month in regular session with additional special meetings.

The members are Dr. B. M. Beattie, President, Dr. L. H. Seaton, Mr. James C. Clark, Mr. Paul Walker, and Mr. Lester Marshall.



MUNICIPAL SANTARY SEWERAGE DISPOSAL PLANT

HISTORICAL SKETCH OF CHAMBERSBURG SANITARY SEWER DEPARTMENT

When the Borough of Chambersburg decided in 1910 and 1911 to obtain its water supply from the State Forest at Caledonia, it was necessary to obtain a permit from the Pennsylvania State Health Department, and when the State Health Department issued this permit, it granted to Chambersburg the right to the water of Birch Run, but it also provided that, for this right, the Borough of Chambersburg was to install a Sanitary Sewerage System with a proper disposal plant of a capacity sufficient to take care of the town for twenty years to come.

The same Bond Issue, providing funds for the construction of the water supply line between the mountain and Chambersburg, provided also for sufficient bonds to put in a Sanitary Sewerage System in Chambersburg. This System was constructed and was put in service August 1, 1912, and has performed in a very satisfactory manner ever since. Since the initial installation, there has been another Imhoff tank constructed at the disposal plant, as well as two additional sludge filtering beds. As the building operations developed in the town, new laterals have been run, and at the present time the entire system consists of:

LATERALS

18.198 miles	8"
6.061 miles	10"
.263 miles	12"
.23 miles	15"
.074 miles	18"

Total 24.826 miles

TRUNK LINES

238.0 feet	10"
4,432.5 feet	12"
2,138.3 feet	15"
3,099.4 feet	18"
4,014.9 feet	24"
1,631.2 feet	20" x 30" concrete

Total 15,554.3 feet

At the present time there is a total of 146,745.5 feet or 27.79 miles of sewer, 114 Flush tanks, 621 Manholes, and 2,930 buildings are connected with the system.

For many years this plant was considered the model plant of the State of Pennsylvania by the Pennsylvania State Health Department. There are no charges for sewer service rendered by the Borough of Chambersburg, and this is a rather outstanding achievement when you stop to think that charges for sewer service run from \$8.00 to \$36.00 per year in the State of Pennsylvania.

The State Health Department insists on a very high standard of quality for the effluent from the Disposal Plant, and weekly reports are made to the Department showing each day's operation.

During the year 1935, the work in this department consisted of building an 8" lateral line on South Fourth Street from McKinley Street

South 361 feet to Garfield Street and the regular operation and maintenance. At the Sanitary Sewerage Disposal Plant, the total sewage handled amounted to 377,138,564 gallons. The total cost for the operation and maintenance of the plant during the year was \$8,469.67. This makes an average cost for handling the sanitary sewage of 2.2 cents per 1,000 gallons.

REFUSE INCINERATOR

The proper disposal of Refuse in any town presents a problem of considerable magnitude, and this problem is solved by the Borough of Chambersburg by the construction of a Refuse Incinerator, which is located at the extreme northwestern edge of the Borough. This particular section is rather sparsely settled and the results are that there are no complaints of obnoxious odors from the incineration of this material. The incinerating plant is simply, ruggedly built, and performs its work in a highly creditable manner. There has been a decided improvement in the appearance of the outlying portions of the Borough since this incinerating plant has been in operation, for the reason that the citizens are disposing of their refuse in this manner rather than having it blown over the neighborhood in the portion of town in which it is produced.

STATEMENT OF RECEIPTS AND EXPENDITURES OF
THE BOROUGH OF CHAMBERSBURG, PENNSYLVANIA,
FROM JANUARY 1st, 1935, TO JANUARY 1st, 1936

Receipts

Balance in Treasurer's hands January 1, 1935	\$ 442.61
George H. Bitner, 1935-1936 Tax Duplicate	\$ 6,491.25
George H. Bitner, 1934-1935 Tax Duplicate	1,708.90
George H. Bitner, 1933-1934 Tax Duplicate	748.79
George H. Bitner, 1932-1933 Tax Duplicate	962.78
George H. Bitner, 1931-1932 Tax Duplicate	1.74
	<hr/> 9,913.46
Licenses, Circus	\$ 110.00
Licenses, Peddler	9.00
Licenses, Beverage	3,375.00
Sewer Permits	45.00
Digging Permits	148.00
Building Permits	29.00
	<hr/> 3,716.00

Fines, Fred K. Henninger, Justice of the Peace	\$ 198.00	
Fines, Charles H. Gillan, Justice of the Peace	175.00	
	<hr/>	373.00
Market Master		268.75
Tax Liens		963.35
Lateral Sewers		487.49
Gasoline Tax		650.00
Ambulance Collections		733.14
Pole Tax, W. U. Tel. Co.		15.60
Pole Tax, United Tel. Co.		236.80
Street Paving Liens and Interest	\$ 726.16	
Repairs to Streets	189.38	
Sale of Materials	363.71	
Rental of Equipment	233.28	
Refund, State Tax on Gasoline	360.71	
Insurance Refund (Street Department)	85.00	
Refund, Paving Lien Costs	31.20	
Miscellaneous	27.98	
	<hr/>	2,017.42
Commonwealth of Pennsylvania, Fire Insurance Company Tax		1,432.80
Rental of Borough Property		368.32
Rental of Henninger Field		202.84
Repairs to Traffic Signals		53.64
Refund State Tax on Gasoline, (Police Department)		52.80
Building Sidewalks, Curbs and Gutters		437.57
Commonwealth of Pennsylvania (Liquor Fund)		1,500.00
Miscellaneous, Engineering Department		2.50
Miscellaneous, Fire Department		89.71
Miscellaneous, General Borough		187.00
Miscellaneous, Sewer		203.80
Compensation Insurance Refund		8,031.37
Transfer authorized by Council from Light Department to General Borough Account		96,574.52
Transfer authorized by Council from Water Department to General Borough Account		11,000.00
	<hr/>	\$139,954.49

Expenditures

Salaries

Clerks and Bookkeeper	\$ 3,432.24
Borough Engineer	2,400.00
Drafting Department	3,078.24
Treasurer	200.00
Borough Attorney	1,200.00

Burgess	360.00	
Auditors	375.00	
Market Master and Janitor, City Hall	867.60	
	<hr/>	\$ 11,913.08

Board of Health

Salary	\$ 1,500.00	
Supplies	293.21	
	<hr/>	1,793.21

Police Department

Salaries	\$ 12,862.50	
Equipment and Supplies	232.10	
New Motor Equipment	467.92	
Maintenance and Repairs to Motor Equipment	82.64	
Uniforms	229.50	
Telephone and Telegraph	199.85	
Traffic Signs, Signals, and Repairs	456.36	
Fuel	377.76	
Repairs to Building	16.39	
Postage	3.50	
Insurance	11.87	
Miscellaneous	219.40	
	<hr/>	15,159.79

Street Department

Maintenance of Streets:

Patching	\$ 7,835.83	
Surface Oiling	6,372.18	
Hand Sweeping	1,575.84	
Motor Sweeping	1,572.14	
Removal of Snow and Ice	1,167.10	
Street Signs	77.84	
Labor and Material for Exterminating Weeds	501.82	
Labor—Grading Streets	218.45	
Purchase of Equipment	61.33	

Maintenance of Alleys:

Patching	2,057.99	
Surface Oiling	3,198.70	
Sweeping	49.20	
Dust Prevention and Weed Removal	95.55	
Grading	42.28	

Maintenance and Repairs—Storm Sewers:

Cleaning	133.21	
Repairs	406.54	

Maintenance of Bridges	2.45
Operation, Maintenance and Improvement of Garage	1,018.55
Purchase and Repairs of Tools ..	448.42
Operation and Repairs, Equipment	3,473.39

Construction of Streets:

North Second Street	2,689.15
West Queen Street	667.31
Elm Avenue	1,915.74
Fifth Avenue	1,120.87
Seventh Street	202.68
Construction of Alleys	1,000.16

Construction of Storm Sewers:

North Second Street	3,443.96
Loudon Street	2,007.72
Hood Street	92.79
Burkhart Avenue	1,494.53
Liability Insurance	870.34
Advertising	78.31
Office Supplies, etc.	142.48
Damages	344.54
Street Commissioner's Salary ..	1,855.00

48,234.39

Disposal Plant

Salaries	\$ 968.16
Office Supplies, Printing and Postage	50.93
Labor	4,685.17
Hydrated Lime	734.12
Lamps	4.20
Fuel	46.72
Gasoline	29.70
Oil, Waste, and Packing	2.62
Maintenance and Repairs, Buildings and Grounds	5.25
Maintenance and Repairs, Pumps	14.95
Maintenance and Repairs, Tools and Instruments	9.07
Maintenance and Repairs, Tanks and Filter Beds	645.41

7,196.30

Sewers

Salaries	\$ 900.00
Maintenance and Repairs	802.53
Sewer Inspection	75.12
Extension of Sewers	989.77

2,767.42

Fire Department

No. 1 Friendship:

Driver's Salary	\$ 1,325.00	
Supplies	233.53	
Repairs to Equipment	38.85	
Repairs to Building	41.19	
Telephone	24.00	
Laundry	11.24	
Coal	89.55	
Insurance	67.20	
Gas and Oil	37.97	
Ice	7.65	
New Equipment	60.00	
Miscellaneous	139.23	
	<hr/>	2,075.41

No. 2 Junior:

Drivers' Salaries	\$ 1,355.00	
Supplies	265.02	
Repairs to Equipment	275.37	
Repairs to Buildings	91.55	
Telephone	25.80	
Laundry	4.37	
Coal	119.80	
Insurance	134.40	
Gas and Oil	33.81	
Ice	14.10	
New Equipment	60.00	
Storage	17.50	
Miscellaneous	71.70	
	<hr/>	2,468.42

No. 3 Good Will:

Driver's Salary	\$ 1,620.00	
Supplies	98.56	
Repairs to Equipment	460.63	
Repairs to Building	82.40	
Telephone	25.80	
Laundry	15.06	
Coal	111.75	
Insurance	134.40	
Gas and Oil	36.12	
Ice	7.50	
New Equipment	105.00	
Miscellaneous	80.24	
	<hr/>	2,777.46

No. 4 Franklin:

Driver's Salary	\$ 1,325.00	
Supplies	145.26	
Repairs to Equipment	751.42	
Repairs to Building	15.06	
Telephone	25.80	

Laundry	13.09	
Coal	119.70	
Insurance	134.40	
Gas and Oil	21.53	
Ice	5.95	
New Equipment	60.00	
Miscellaneous	72.27	
	<hr/>	2,689.48

No. 5 Cumberland Valley:

Driver's Salary	\$ 1,325.00	
Supplies	43.48	
Repairs to Equipment	377.50	
Repairs to Building	114.10	
Telephone	25.80	
Laundry .....	.19	
Coal	95.53	
Insurance	67.20	
Gas and Oil	9.36	
Ice	5.05	
New Equipment	60.00	
Miscellaneous	91.85	
	<hr/>	2,215.06

General Fire Department

Maintenance and Repairs to Alarm System	\$ 580.44	
State Firemen's Insurance Fund	955.68	
Miscellaneous	7.23	
	<hr/>	1,543.35

Miscellaneous

Office Supplies, Printing and Postage	\$ 1,584.21	
Supplies, Engineering Department	521.96	
Public Works Administration (Engineering Department) ..	179.91	
Maintenance and Supplies, City Hall	1,529.25	
Maintenance Borough Farm ..	83.40	
Maintenance and Repairs, Buildings and Grounds	395.32	
Insurance, Fire and Accident ..	4,960.47	
Maintenance and Repairs, Parks and Playgrounds	3,730.55	
Recording Liens	332.40	
Premium Surety Bonds	55.00	
Coyle Free Library	2,870.00	
Appropriation Spanish War Veterans and Memorial Day Expenses	75.00	
Maintenance and Repairs to Ambulance	608.12	

Investigation Gas Company		
Rates before Public Service		
Commission	115.33	
Telephone	302.39	
Printing and Postage, Tax Col-		
lector	110.00	
Maintenance, Comfort Station ..	460.38	
Maintenance of Incinerator	360.00	
Sidewalk Project	60.00	
Cleaning Creek	456.51	
Cleaning Falling Spring	163.88	
Workman's Liability Insurance ..	7,923.00	
Compiling Ordinances	203.50	
Attorney's Expenses	307.24	
Fire Insurance Tax Refund	477.12	
Maintenance, Municipal Garage	58.11	
Expenses Borough Convention ..	68.88	
George H. Bitner, Tax Collector's		
Commission	317.22	
Transfer to Borough Fire Fund	10,000.00	
Miscellaneous	391.40	
		38,700.55
Balance in hands of Treasurer		
January 1, 1936	420.57	\$139,954.49

BOROUGH FIRE FUND

January 1, 1935, Balance in Fire		
Fund	\$ 5,460.44	
\$5,000.00 Bonds of Borough of		
Mercersburg	5,100.15	
Light Department (Repaying		
Loan)	10,000.00	
Transfer from General Borough		
Account	10,000.00	
Interest on Light Department		
Loan	41.60	
Interest Bank Balance	183.10	
Interest Coupons on Bonds	212.50	
		\$ 30,997.79
Light Department Loan	\$ 10,000.00	
\$5,000.00 Bonds of Borough of		
Mercersburg	5,100.15	
Balance in Fire Fund Account		
January 1, 1936	15,897.64	
		30,997.79

TAX COLLECTOR'S ACCOUNT

Dr.	Borough	Bond	Borough	Bond	Total
Duplicate 1928-					
1929 as shown					
by Auditors'					
Report January					
1, 1935					\$ 202.62

Cr.

January 1, 1936,
Balance out-
standing on du-
plicate jointly
collected by Geo.
H. Bitner and
Paul D. Tarner

202.62

Dr.

Duplicate 1931-
1932 as shown
by Auditors'
Report January
1, 1935

\$ 1,864.07 \$ 1,260.07

Cr.

A m o u n t p a i d
T r e a s u r e r b y
G e o . H . B i t n e r . \$
L i e n s e n t e r e d d u r -
i n g 1 9 3 5

1.74 \$ 1.20

466.91 479.07 468.65 480.27

Balance to be col-
lected January
1, 1936

\$ 1,395.42 \$ 779.80

Dr.

Duplicate 1932-
1933 as shown
by Auditors'
Report January
1, 1935

\$ 1,860.72 \$ 1,810.48

Cr.

A m o u n t p a i d
T r e a s u r e r b y
G e o . H . B i t n e r .

962.78 867.39

Balance to be col-
lected January
1, 1936

\$ 897.94 \$ 943.09

Dr.

Duplicate 1933-
1934 as shown
by Auditors'
Report January
1, 1935

\$ 2,510.03 \$ 2,536.44

Cr.

Amount paid Treasurer by Geo. H. Bitner .	748.79	637.13
Balance to be col- lected January 1, 1936	\$ 1,761.24	\$ 1,899.31

Dr.

Duplicate 1934- 1935 as shown by Auditors' Report January 1, 1935	\$ 4,125.97	\$ 4,140.64
Penalty added 5%	177.72	180.13
	\$ 4,303.69	\$ 4,320.77

Cr.

Amount paid Treasurer by Geo. H. Bitner .	\$ 1,708.90	\$ 1,688.91
Balance to be col- lected January 1, 1936	\$ 2,594.79	\$ 2,631.86

Dr.

Duplicate 1935- 1936	\$ 7,791.52	\$23,375.69
-------------------------------	-------------	-------------

Cr.

Amount collected to December 1, 1935	\$ 6,437.85	\$19,121.41
A b a t e m e n t o n amount collected to December 1, 1935	\$ 338.83	\$ 1,006.39
Collected Decem- ber 1, 1935, to January 1, 1936	53.40	148.65 \$ 6,830.08 \$20,276.45
Balance to be col- lected January 1, 1936	\$ 961.44	\$ 3,099.24

SUMMARY TAX DUPLICATE

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Total</i>
January 1, 1936, Duplicate 1928-1929			\$ 202.62	
January 1, 1936, Duplicate 1931-1932	\$ 1,395.42	\$ 779.80		
January 1, 1936, Duplicate 1932-1933	897.94	943.09		
January 1, 1936, Duplicate 1933-1934	1,761.24	1,899.31		
January 1, 1936, Duplicate 1934-1935	2,594.79	2,631.86		
January 1, 1936, Duplicate 1935-1936	961.44	3,099.24		
	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 7,610.83	\$ 9,353.30	\$ 202.62	\$17,166.75

STATEMENT BOND DEPARTMENT

Receipts

Balance in hands of Treasurer	\$ 20,134.93	
Tax Duplicate 1931-1932, Geo. H. Bitner	\$ 1.20	
Tax Duplicate 1932-1933, Geo. H. Bitner	867.39	
Tax Duplicate 1933-1934, Geo. H. Bitner	637.13	
Tax Duplicate 1934-1935, Geo. H. Bitner	1,688.91	
Tax Duplicate 1935-1936, Geo. H. Bitner	19,270.06	
	<hr/>	22,464.69
Proceeds from Note Chambersburg Trust Co.	60,000.00	
Transfer from Sinking Fund	24,000.00	
Proceeds Sale of Bonds Issued De- cember 1, 1935	150,000.00	
Premium on Sale Bonds	40.00	
Interest Accrued	262.50	
	<hr/>	\$276,902.12

Expenditures

Bonds Redeemed	\$107,000.00
Interest Paid (Coupons)	5,903.50
State Tax	138.07
Commission Account Corporate Loan Report (Wm. M. Pentz)	7.26
Geo. H. Bitner, Commissions	718.88
Note Paid, Chambersburg Trust Company	60,000.00
Interest	157.50

Transferred to Sinking Fund	10,000.00	
Balance in hands Treasurer January 1, 1936	92,976.91	
	<hr/>	\$276,902.12

BOND DEPARTMENT—SINKING FUND

January 1, 1935, Balance in Sinking Fund (Four Banks)	\$22,655.43	
Interest Received (Four Banks)	789.57	
Transferred from Bond Department	10,000.00	
	<hr/>	\$33,445.00
Transfer to Bond Department	\$24,000.00	
Balance in Sinking Fund (Four Banks) January 1, 1936	9,445.00	
	<hr/>	\$33,445.00

TAX LIENS

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Costs and Interest</i>	<i>Total</i>
Balance to be collected January 1, 1935	\$ 2,804.69	\$ 2,016.85	\$ 31.23		\$ 4,852.77
Liens entered during 1935	466.91	479.07			945.98
Interest and cost				\$ 263.32	
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 3,271.60	\$ 2,495.92	\$ 31.23	\$ 263.32	\$ 6,062.07
Amount collected during 1935 ...	486.82	393.31	3.90	263.32	1,147.35
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 2,784.78	\$ 2,102.61	\$ 27.33		\$ 4,914.72
Exonerated from Penalty in accordance with Act No. 186 ...	13.70	10.15			23.85
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 2,771.08	\$ 2,092.46	\$ 27.33		\$ 4,890.87
Liens not Revived	1.51	1.01			2.52
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Balance to be collected January 1, 1936	\$ 2,769.57	\$ 2,091.45	\$ 27.33		\$ 4,888.35

LATERAL SEWER ASSESSMENTS

Assessments made in 1935	\$ 759.68	
	<hr/>	\$ 759.68
Collected during 1935	\$ 358.16	
Balance to be collected January 1, 1936	401.52	
	<hr/>	\$ 759.68

LATERAL SEWER LIENS

Balance to be collected January 1, 1935	\$ 8,147.53	
Interest Accrued	7.60	
		\$ 8,155.13
Collected during 1935	\$ 121.73	
Interest Collected	7.60	
Interest Exonerated by Council	12.88	
Damage Allowed by Council	500.00	
Balance to be collected January 1, 1936	7,512.92	
		\$ 8,155.13

PAVING LIENS

Balance to be collected January 1, 1935	\$ 4,150.44	
Liens entered during 1935	282.92	
Interest Accrued	99.23	
		\$ 4,532.59
Collected during 1935	\$ 623.78	
Interest Collected	102.38	
Interest Exonerated by Council	18.38	
Damage Allowed by Council	500.00	
Balance to be collected January 1, 1936	3,288.05	
		\$ 4,532.59

HARRY R. GEARHART,
PAUL N. GEYER,
ALBERT S. HENNEBERGER,
Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG WATER DEPARTMENT

The first attempt made to furnish water, under pressure, to the citizens of Chambersburg, was made by the Chambersburg Water Company, of which Mr. James Riddle was President, in 1817. This company furnished water, under pressure, through a wooden pipe system, which consisted simply of pine logs with suitable hole bored through them from end to end, and the logs fastened together end to end. Water was furnished until 1875 or 1876. The pump for this system was located on the South side of the Falling Spring at a point almost directly in line with the buildings of the Chambersburg Hospital and the dwelling house on the farm now owned by Mr. T. B. Wood, and was driven by a water wheel. The reservoir was located where the present buildings of the Chambersburg Hospital now stand, and during the construction of the new portion of the hospital, traces of the old reservoir structure were uncovered, and some of the old wooden pipe was dug up. The pressure under which this water was furnished must have, of necessity, been quite low, and the old records show that the system, as a whole, was not satisfactory.

On March 1, 1875, the following men were elected to the Chambersburg Town Council: W. B. Gilmore, Jacob H. Miller, Samuel M. Worley, J. P. Culbertson, John C. Gerbig, John Suesserote, Thomas Cook, and

David Harmony with G. W. Nitterhouse as Burgess. On July 17, 1875, this body took action setting Friday, August 20, 1875, as an election day for voting on a bond issue not to exceed \$60,000.00, for the purpose of erecting a suitable water works. This election was duly held, and the official count reported at a special meeting of Council held August 21, 1875, was as follows:

In favor of the Bond Issue	648
Not in favor of the Bond Issue	317

This was the beginning of the Borough of Chambersburg entering into the business of supplying water to its citizens.

Bids were received for the necessary equipment on September 25, 1875, and the contract was awarded to H. P. M. Birkenbine at a price of \$53,850.00, which covered pump, boiler, one million gallon reservoir, 28 fire plugs, 5,400 feet of 10 inch pipe, 1,750 feet of 8 inch pipe, 7,693 feet of 6 inch pipe, and 18,500 feet of 4 inch pipe, or a total of 6.3 miles of pipe. It is a matter of some interest to note that all of this old pipe and some of the old Birkenbine fire plugs are still in service in Chambersburg today.

This action on the part of the Borough was contested by the Chambersburg Water Company, but, in the end, all of the actions of Council were upheld by the Courts.

This first pumping plant, a steam operated one, was located on the West Bank of the Conococheague Creek almost directly opposite the foundry of the Wolf Company, and has always been known locally as the Birkenbine Pumping Plant. In 1891, a water-driven pumping plant was installed at the C. B. Gish mill, afterward known as Siloam, and another reservoir constructed with a capacity of 2,000,000 gallons, on the farm of Joseph Horst. A 2,000,000 gallon steam pumping plant is held in readiness to operate at Siloam and can be placed in service in 10 hours in an emergency.

In 1910 and 1911, the Conococheague Creek at Siloam, as a source of water supply was abandoned by the Borough, and a supply brought in by gravity from the State Forest at Caledonia. This was a vast improvement over any of the other supplies that the Borough of Chambersburg had been using, but the last three years drought brought very forcibly to the attention of the authorities that the supply might under certain conditions, become quite inadequate. To guard against any shortage of water that might possibly occur, the Borough of Chambersburg proceeded to build a storage dam, at Caledonia across the Birch Run Valley, which will hold 387,000,000 gallons of water. This dam will be held entirely full at all times for emergency purposes, and will supply the town, when using 2,000,000 gallons of water per day, for 193 days if there was not a drop of water flowing into the dam in all that time.

As the growth of the town made necessary the extending of the original distributing system, false economy added mains that were much too small, and the result of this practice was that there were three very low pressure areas in the town. One of these low pressure areas was in the extreme Southern end of town, another in the extreme Western end, and another in the extreme Northern end. To correct this very serious condition, in 1932 a 12-inch feeder main was laid from a point immediately East of the Borough Limits to the intersection of Scotland Avenue and Pennsylvania Avenue, and a 10-inch feeder main was laid from this point to Philadelphia Avenue and Pennsylvania Avenue, a total distance of approximately 11,769 feet, at a total cost of \$33,511.00.

In 1933, a similar feeder main was laid from the same point at the Eastern edge of town to Wayne Avenue and South Fourth Street, and an 8-inch feeder main was laid from South Fourth and McKinley Streets to Central Avenue and McKinley Street. This was a total length of feeder mains of 9,700 feet and cost \$24,500.00.

Eventually, the Borough authorities hope to have duplicate feeder lines connecting Dull Hill Reservoir with the town, and duplicate feeder lines connecting Dull Hill Reservoir with the intake on Birch Run. And when this is done, the Borough of Chambersburg will have a water supply that will leave little to be desired in the way of a perfect supply, except perhaps a filtering plant at the mountain, the purpose of which would be to eliminate the finely divided vegetable matter thrown down into the town by heavy rains, or during high stream periods.

A 10-inch water feeder main, 612 feet long, was constructed from Queen and Federal Streets to Lincoln Way West and Federal Street, and tied in at the latter point to relieve a low pressure condition. This feeder main cost \$2,215.44, and has relieved to a great extent the low pressure conditions in this vicinity.

An 8-inch water main, 121 feet long, was constructed on East King Street between Sixth and Seventh Streets at a cost of \$359.04.

The leaks at the new impounding dam in the South Mountain remain substantially as they were at this time last year. There has been little, or no, change in the amount of leakage, the total leakage being on December 31, 1935, 829,440 gallons in twenty-four hours, as against 830,085 gallons in twenty-four hours on December 31, 1934.

The State Highway Department has completed the road from Caledonia almost to Pine Grove Furnace, and this provides very easy access to the dam.

During December, 1935, a grant of \$101,500.00 was received from the Federal Emergency Administration of Public Works toward the building of an additional water supply line from the old Intake on Birch Run to Chambersburg. The total estimated cost of this line was \$225,546.00. Bids were received on the materials and construction work, and recommendation for awards of bids was made to the P. W. A. authorities in Harrisburg. Work has not been started as yet on this project, on account of the severity of the winter weather, but will probably start sometime in March, 1936. The chances are that the line will be completed by the end of July, 1936. When this additional line is in service, it will raise the pressure very materially in all parts of the town, and will provide against any interruptions in the water supply from the mountain, in case of a break in either line.

A new water structure was put in effect on August 1, 1935, which did not change materially the revenues, but did eliminate some very undesirable features inherent in the old rate.

The total revenues in this Department for 1935 were \$52,392.30, and the total operating expenses were \$24,673.61, including depreciation amounting to \$8,301.37, and which leaves a total net profit, exclusive of interest charges, of \$27,718.69.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this Department, which involved the making of an appraisal. The Reproduction Value New, less accrued depreciation, as of December 31, 1935, is \$927,032.87.



387,000,000 GALLON IMPOUNDING RESERVOIR

**PHYSICAL DATA OF BOROUGH OF CHAMBERSBURG,
WATER DEPARTMENT**

JANUARY 1, 1936

Population of Borough	14,000
Area of Water Shed	17.75 Square Miles
Elevation of Impounding Reservoir	1,088 Feet above Sea Level
Elevation of Intake Dam	975 Feet above Sea Level
Elevation of Dull Hill Reservoir	801 Feet above Sea Level
Elevation of Horst Reservoir	712 Feet above Sea Level
Elevation of Reservoir Hill Reservoir	707 Feet above Sea Level
Elevation of Memorial Square	615 Feet above Sea Level
Total Head from Intake to Town	360 Feet

Present 24 Hour Capacity from Mischeaux State Forest by Gravity with 40 Pounds Average Pressure in Chambersburg	2,225,000 Gallons
Emergency Steam Operated Plant at Siloam, Capacity	2,500,000 Gallons in 24 Hours

Storage Capacity of Impounding Reservoir	387,000,000 Gallons
Storage Capacity of Dull Hill Reservoir	2,200,000 Gallons
Storage Capacity of Horst Reservoir	2,000,000 Gallons
Storage Capacity of Reservoir Hill Reservoir	1,000,000 Gallons
Storage Capacity of Stand Pipe	55,000 Gallons
Total Storage Capacity	392,255,000 Gallons
Days Supply @ 1,784,748 G. P. D. if no water came from Mountain	2.94

Days Supply @ 1,784,748 G. P. D. in Impounding Reservoir ...	216.83
Total Days Supply Stored @ 1,784,748 G. P. D.	219.78

Miles of Mains in Borough Limits

14 Inch	0.42 Miles	4 Inch	11.65 Miles
12 Inch	2.53 Miles	2 Inch	0.65 Miles
10 Inch	4.05 Miles	1½ Inch	0.18 Miles
8 Inch	4.16 Miles	1 Inch	0.37 Miles
6 Inch	11.71 Miles		

Total of all Mains in Borough Limits 35.72 Miles

Miles of Mains outside Borough Limits

16 Inch	1.04 Miles	12 Inch	1.29 Miles
14 Inch	9.00 Miles	4 Inch	1.12 Miles

Total of all Mains outside Borough Limits 12.45 Miles

Total of all Mains inside and outside Borough Limits 48.17 Miles

Total Number of Fire Hydrants on System 213

Total Number of Sewer Flush Tanks on System 114

Active Services

8 Inch	5	1½ Inch	20
6 Inch	9	1¼ Inch	29
4 Inch	23	1 Inch	209
3 Inch	4	¾ Inch	2,972
2½ Inch	1	½ Inch	95
2 Inch	33		

Total of all Active Services	3,400
Inactive Services	
2 Inch	4
1 Inch	12
3/4 Inch	76
1/2 Inch	2
Total of all Inactive Services	94
Total of Active and Inactive Services	3,494
Valves inside Borough Limits	573
Valves outside Borough Limits	40
Total Valves in System	613
Number of Domestic Consumers inside Borough Limits	3,151
Number of Domestic Consumers outside Borough Limits	162
Total Number of Domestic Consumers	3,313
Number of Industrial Consumers	34
Number of Railroad Consumers	4
Number of Public Consumers	41
Number of Free Consumers	29
Total Number of Metered Consumers—Active	3,421
Meters on System January 1, 1936	
8 Inch	4
6 Inch	6
4 Inch	14
3 Inch	12
2 Inch	22
1 1/2 Inch	26
1 1/4 Inch	2
1 Inch	30
3/4 Inch	90
5/8 Inch	3,215
Total Number of Meters on System	3,421
Data for Year 1935	
Total Cubic Feet Registered by Master Meter	86,857,733
Total Cubic Feet Furnished Domestic Consumers	25,866,245
Total Cubic Feet Furnished Industrial Consumers	16,994,688
Total Cubic Feet Furnished Railroad Consumers	8,406,034
Total Cubic Feet Furnished Public Consumers	3,741,277
Total Cubic Feet Furnished Free Consumers	8,633,503
Estimated Total Cubic Feet Furnished for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	5,110,000
Total Cubic Feet Accounted for	68,751,747
Total Cubic Feet Lost between Master Meter and Consumer ..	18,105,986
Percentage Lost between Master Meter and Consumer	20.8%
50% of Loss is in Mains	9,052,993
45% of Loss is in Service Pipes	8,147,694
5% of Loss is due to under-registration of Meters	905,299
Average Cubic Feet Registered by Master Meter per Day ...	237,966
Average Cubic Feet Used by Consumers per Day	188,361
Average Cubic Feet Unaccounted for per Day	49,605
Average Gallons Registered by Master Meter per Day	1,784,748
Average Gallons per Day per Domestic Consumer	160
Average Gallons per Day per Industrial Consumer	10,271

Average Gallons per Day per Railroad Consumer	43,182
Average Gallons per Day per Public Consumer	1,875
Average Gallons per Day per Free Consumer	6,117
Estimated Average Gallons Used per Day for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	105,000
Average Gallons per Day Used for all Purposes	1,412,707
Average Gallons per Day Unaccounted for	372,041
Average Gallons per Capita per Day Domestic	38.0
Average Gallons per Capita per Day Industrial	25.0
Average Gallons per Capita per Day Railroad	12.3
Average Gallons per Capita per Day Public	5.5
Average Gallons per Capita per Day Free	12.7
Average Gallons per Capita per Day Flushing Fire Hy- drants, etc.	7.5
Total Average Gallons per Capita per Day Consumption	101.0
Received from Water Sale for Domestic Purposes Inside Borough	\$28,823.59
Received from Water Sale for Domestic Purposes Outside Borough	2,757.29
Total Received from Water Sale for Domestic Purposes ...	31,580.88
Total Received from Water Sale for Industrial Purposes ..	7,935.43
Total Received from Water Sale for Railroad Purposes	2,588.85
Total Received from Water Sale for Public Purposes	2,036.27
Total Received from Sale of Meters, Cocks, and Accessories .	3,156.63
Total Received from All Sources	47,298.06
Total Credits for Water Furnished Free Consumers and other Borough Departments	8,658.76
Total Receipts and Credits	55,956.82
Cash Receipts from Water Sale for All Purposes 1935	44,141.43
Cash Receipts from Water Sale for All Purposes 1934	42,380.83
Increase in Receipts from Water Sale for the Year	1,760.60
Cash Receipts from Sale of Meters, Cocks, and Accessories 1935	3,156.63
Cash Receipts from Sale of Meters, Cocks, and Accessories 1934	2,215.19
Increase in Receipts from Sale of Meters, etc., for the Year ..	941.44
Average Received per 1,000 Cubic Feet from Domestic, In- cluding Minimum Charges	1.22
Average Received per 1,000 Gallons from Domestic, Includ- ing Minimum Charges .....	.16
Average Received per 1,000 Cubic Feet from Industrial, In- cluding Minimum Charges .....	.47
Average Received per 1,000 Gallons from Industrial, Includ- ing Minimum Charges .....	.06
Average Received per 1,000 Cubic Feet from Railroads, In- cluding Minimum Charges .....	.31
Average Received per 1,000 Gallons from Railroads, Includ- ing Minimum Charges .....	.04
Average Received per 1,000 Cubic Feet from Public, Includ- ing Minimum Charges .....	.55
Average Received per 1,000 Gallons from Public, Including Minimum Charges .....	.07

Average Received per Quarter per Domestic Inside Borough	2.29
Average Received per Quarter per Domestic Outside Borough	4.25
Average Received per Quarter per Public Consumer	12.42
Average Received per Month per Industrial Consumer	19.45
Average Received per Month per Railroad Consumer	53.94
Received from Water Sale per Mile of Main Inside Borough	1,159.00
Received from Water Sale per Mile of Main Outside Borough	221.00
Received from Water Sale per Mile of Main Inside and Outside Borough Limits	916.00
Total Lost in Bad Accounts, 1935	0.00
Percent Lost in Bad Accounts, 1935	0.00
Receipts and Credits for 1934	54,561.00
Receipts and Credits for 1935	55,957.00
Increase for the Year	1,396.00

RATES FOR WATER

Within Borough Limits

	Rate per 1,000 Cu. Ft.
First 20,000 Cu. Ft. used per Month	\$1.00
Next 400,000 Cu. Ft. used per Month	0.30
All over 420,000 Cu. Ft. used per Month	0.28

Minimum Charges

Single houses, or dwelling, shall pay a Minimum Charge of \$1.50 per Quarter.

Double houses served by one meter shall pay a Minimum Charge of \$3.00 per Quarter.

Industries and Railroads shall pay a Minimum Charge of \$0.50 per Month for each and every service.

All Charges are payable net on, or before, the 25th of the Month following the end of the Month or Quarter. If not paid on, or before the 25th of the Month following the end of the Month or Quarter, a penalty of five (5%) per cent shall be added.

If bills are not paid on, or before, the 30th, of the Month following the Month or Quarter for which the bill was rendered, the water will be turned off.

Outside of Borough Limits

Per Thousand Cubic Feet	\$2.50
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Minimum Charges

Single houses outside of the Borough—\$2.35 per Quarter.

Double houses outside of the Borough— 4.70 per Quarter.

The same regulations shall apply, and the same penalties shall be inflicted for non-payment as provided for within the Borough.

**BALANCE SHEET
WATER DEPARTMENT**

Assets

Fixed Capital

Fixed Capital Installed . . .	\$1,036,204.94	
Siloam Property	4,595.00	
Construction Work in Pro- gress	2,989.44	
	<hr/>	\$1,043,789.38

Current Assets

Cash (Borough Treasurer's Account)	\$ 4,320.24	
Accounts Received from Consumers	9,501.01	
Material and Supplies . . .	4,146.72	
	<hr/>	17,967.97
Total Assets		<hr/> \$1,061,757.35

Liabilities

Municipal Ownership

Net Worth Water Depart- ment, December 31, 1935	\$ 742,544.21
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Funded Debt

Bonds 4½ % Serial Bonds .	70,000.00
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Current Liabilities

Assessments for Line Con- struction	\$ 10,646.68	
Advance from Electric Light Department	56,000.00	
	<hr/>	66,646.68

Reserves

Reserve for Renewals and Replacements	113,767.07
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Surplus

Surplus Earned 1935	68,799.39	
Total Liabilities	<hr/>	\$1,061,757.35

RECAPITULATION OF NET WORTH

Net Investment December 31, 1934	\$ 752,708.26
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Additions

Contribution from State Emergency Relief Board (Labor)	835.95
	<u>\$ 753,544.21</u>

Deductions

Contributions to General Borough	11,000.00
Balance	<u>\$ 742,544.21</u>
Earned Surplus December 31, 1935	68,799.39
	<u>\$ 811,343.60</u>
Net Worth December 31, 1935	

REVENUE AND EXPENSE STATEMENT

WATER DEPARTMENT

Operating Revenues

Metered Domestic Sales ..	\$ 29,708.60	
Metered Commercial Sales ..	5,292.24	
Metered Industrial Sales ..	11,287.65	
Metered Public Sales	3,891.24	
Sales for Private Fire Pro- tection	65.92	
Consumers' Discounts For- feited and Penalties Im- posed	60.04	
Total Operating Revenues ..	<u> </u>	\$ 50,305.69

Operating Expenses

Water Collection System--		
Operating Labor	\$ 423.16	
Maintenance	2,120.77	
Total	<u> </u>	\$ 2,543.93
Purification System--		
Operating Labor	\$ 746.40	
Supplies and Expenses ..	1,161.58	
Maintenance	118.26	
Total	<u> </u>	2,026.24
Pumping System--		
Operating Labor (Net) ..	\$ 61.31	
Maintenance	203.00	
Total	<u> </u>	264.31
Distribution System--		
Operating Labor (Gen- eral)	\$ 722.79	

Operating Labor (Reservoir)	449.79	
Maintenance Mains	373.10	
Maintenance Reservoirs	429.13	
Maintenance Meters, etc.	396.68	
Maintenance Other Distribution Property ...	317.77	
Total		2,689.26

General Expenses

Office Salaries	\$ 4,927.73		
Salaries of Meter Readers	829.93		
Office Supplies and Expenses	234.84		
Other General Property Expenses	447.59		
Taxes	268.57		
Other General Expenses	15.72		
Insurance	219.89		
Maintenance of General Properties	579.30		
Depreciation	8,301.37		
Total		\$ 15,824.94	
Total Operating Expenses			\$ 23,348.68

INCOME STATEMENT

WATER DEPARTMENT

Operating Revenues	\$ 50,305.69
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Operating Expenses

Water Collection System ..	\$ 2,543.93	
Purification System	2,026.24	
Pumping System	264.31	
Distribution System	2,689.26	
General Operating Expenses	15,824.94	
Total Operating Expenses		23,348.68
Net Operating Income		\$ 26,957.01
Non Operating Revenues ..	\$ 2,086.61	
Non Operating Expenses ..	1,324.93	
Net Non Operating Income		761.68
Total Net Income		\$ 27,718.69

Net Income Deductions

Interest	\$ 2,187.46	
Free Water to Borough ...	3,380.01	
		5,567.47
Balance of Net Income ...		\$ 22,151.22

**ANALYSIS OF FIXED CAPITAL
WATER DEPARTMENT**

	Balance Jan. 1, 1935	Additions 1935	Balance Dec. 31, 1935
Siloam Property	\$ 4,595.00		\$ 4,595.00
Organization	11,024.28		11,024.28
Water Collection System, Right of Way	3,143.00		3,143.00
Water Collection System, Water Diversion Rights	40,400.00		40,400.00
Water Collection System, Impounding Reservoirs	141,477.66		141,477.66
Water Collection System, Collecting Reservoirs	51,084.39		51,084.39
Water Collection System, Aqueducts and Supply Mains	190,566.53		190,566.53
Purification System Chemi- cal Treatment Plant	1,399.57	\$ 1,378.16	2,777.73
Purification System, Testing Equipment	31.50		31.50
Pumping System Structures Pumps and Pump Equip- ment	5,208.85		5,208.85
	12,469.80		12,469.80
Distribution System, Right of Ways	404.00		404.00
Distribution System, Stor- age Reservoirs	11,994.02		11,994.02
Distribution System, Mains	377,589.15	2,421.25	380,010.40
Distribution System, Fire Hydrants	22,923.44	113.22	23,036.66
Distribution System, Foun- tain and Drinking Foun- tains	11,107.75		11,107.75
Other General Structures ..	3,329.00		3,329.00
General Office Equipment ..	644.81		644.81
Other General Equipment ..	4,855.76	69.07	4,924.83
Engineering and Superin- tendence During Con- struction	33,566.50		33,566.50
Adminstration and Legal Expenses During Con- struction	11,024.28		11,024.28
Interest During Construc- tion	34,065.04		34,065.04
Development Costs	63,913.91		63,913.91
Totals	\$1,036,818.24	\$ 3,981.70	\$1,040,799.94

WATER DEPARTMENT—CREDIT ACCOUNTS 1935

Metered Water, Light Plant	\$	2,066.35	
Metered Water, Fire Houses		71.92	
Metered Water, Market House, Meter Room and Police Headquarters		105.17	
Memorial Fountain		306.47	
Bubbler		18.08	
Comfort Station		158.20	
Borough Farm		23.78	
Disposal Plant		9.40	
Borough Garage		9.88	
Parks and Playgrounds		34.20	
Harrison Avenue and South Fourth Street Properties		17.50	
	\$		2,820.95

Free Water Per Agreement

Penn Hall Farm	\$	90.60	
Kennedy Farm		13.15	
Children's Home (75%)		44.46	
Hospital (75%)		401.29	
Salvation Army (75%)		9.56	
			559.06
	\$		3,380.01

Free Unmetered Water Furnished the Following in 1935

212 Fire Hydrants at \$15.00 plus 1 added in September	\$	3,183.75
Sewer Flush Tanks (114)		1,320.00
Flushing Storm Sewers and Street Work		750.00
Road Roller and Street Sweeper		25.00
	\$	5,278.75

WATER LIENS

Balance to be Collected January 1, 1935	\$	2,925.95	
Interest Accrued		155.43	
			\$ 3,081.38
Liens Collected During 1935	\$	726.76	
Interest Collected During 1935		166.43	
Balance to be Collected January 1, 1936		2,188.19	
			3,081.38

HARRY R. GEARHART,
PAUL N. GEYER,
ALBERT S. HENNEBERGER,
Auditors.



MUNICIPAL ELECTRIC LIGHT PLANT

HISTORICAL SKETCH OF CHAMBERSBURG ELECTRIC LIGHT DEPARTMENT

On August 29, 1874, the following named persons applied for a Charter to furnish electric current for lighting in the Borough of Chambersburg, under the name of "The Franklin Electric Company":

James McKnight and Agent
B. Frank Gilmore
William McKnight
J. Spoonhour
William Nixon
William Sellers
M. A. Foltz
C. H. Fulwiler

B. M. Nead
Van T. Haulman
Samuel L. Hawbaker
W. Lynn Ritchey
George A. Britsch
D. Alonza Orr
William Orr
John Hart

John A. Orr

The stock in this Company was stated at \$25.00 a share, but just how much stock was issued is not a matter of record.

There is some doubt as to the year this company started to furnish current in Chambersburg, but that it was in business in Chambersburg has been established beyond question. How extensive their business was at that time it is now impossible to state.

The plant consisted of a belt driven generator using a steam traction engine as power, and the equipment was located in the old brick and weather-board building known as the "Ebersole Building," which stood immediately on the West bank of the Conococheague Creek on the South side of Lincoln Way West, and which has just recently been demolished by the Western Maryland Railway Company. This was the first electric plant that was ever operated in Chambersburg, and certainly could not have stayed in business very long. Some of the citizens of Chambersburg remember distinctly seeing these electric lamps suspended above the streets and at that time were impressed with the fact that they did not blow out when the wind blew.

In the year 1883, there was constructed, in the shops of the Cumberland Valley Railroad Company, a portable electric light plant which consisted of boiler, steam engine, and one arc lamp generator with a capacity of fifteen 2,000 candle-power open arc lamps. This car operated successfully under the supervision of Charles S. Hull from the very beginning, and in 1884 lighted arc lamps around the Public Square for the Centennial, and this same year lighted the grounds for a baseball game which was played at night. This game was played in a field lying east of Third Street and South of King, just about where the Byer Brothers' Green House is located at the present time.

In 1889 this portable electric light plant was rebuilt, under the supervision of Mr. Hull, for a capacity of forty 2,000 candle-power open arc lamps. This plant was frequently used for the lighting of important construction work along the Cumberland Valley Railroad, as well as the lighting of serious wrecks. It was also used for the lighting of the Granger's Picnic Ground at Williams Grove, and many of us recall the lighting of the Mt. Alto Park Grounds. Mr. Hull was a mechanical genius, and one of the beautiful things he created, with this car and an arc lamp, was a fountain which sprayed steam of different colors up above the car roof. Mr. Charles S. Hull will be remembered as a kindly old gentleman, and one of the first to take up seriously the possibility of electric lighting in this section.

On November 29, 1889, after a vote had been taken by the citizens of Chambersburg to increase the indebtedness of the Borough by an amount not exceeding \$10,000.00 for the purpose of installing an Electric Light Plant to light the streets of the Borough, a contract was placed for the necessary electrical equipment with the Thompson-Houston Electric Light Company at a price of \$9,797.50. This plant was installed solely for furnishing lighting for the streets of the town. The plant was operated from dark in the evenings until twelve o'clock midnight, except on moonlight nights when it was not operated at all.

In 1893, the Borough went into the commercial phase of furnishing current to consumers. It was a far step from this first plant to the present up-to-date efficient plant, and the citizens of Chambersburg are certainly to be congratulated on having had sufficient intelligence to keep this valuable utility for their very own.

This utility was affected by the depression to a greater extent than any other of the Borough's utilities. It was affected to exactly the same extent that all similar utilities over the entire country were affected. During 1930, 1931, 1932, and 1933, there was a very marked falling-off in the output as indicated by the following:

OUTPUT

1929—	6,460,592 kilowatt-hours output.
1930—	6,420,232 kilowatt-hours output.
1931—	6,206,845 kilowatt-hours output.
1932—	5,876,722 kilowatt-hours output.
1933—	6,285,080 kilowatt-hours output.
1934—	7,253,250 kilowatt-hours output.
1935—	7,926,377 kilowatt-hours output.

It will be noted that up until the year 1934, the output for 1929 was the highest in the history of the plant, but the output for the year 1935 exceeded any previous high annual output by 673,127 kilowatt-hours. It is of interest to note that the year 1932 represented the extreme effect on the output during the depression years, as it was more keenly felt that year in this locality than in any other year.

The major activity in this department during 1935 was the completion of the installation of the new 2500 K. W. turbo-generator unit. This was completed and official tests run off on the unit on July 30, 1935. The economy of operation of this unit is far beyond anything that was anticipated by the engineers in charge of this work. The total appropriation for this work was \$112,000.00, but the unit complete cost \$108,318.00 or \$3,700.00 less than the amount appropriated for it. Of the total of \$108,318.00, the Federal Emergency Administration of Public Works contributed in actual cash \$26,100.00, leaving the net overall cost of the unit to the Borough of Chambersburg, \$82,218.00. During the year 1935, the plant generated 8,424,277 kilowatt-hours, and with an estimated generation of 9,000,000 kilowatt-hours in 1936, the saving from the operation of this unit will be as follows:

Fuel	\$6,261.00
Water	2,711.00
Total	<u>\$8,972.00</u>

This represents 8.3% return on \$108,318.00, or 10.9% return on \$82,218.00.

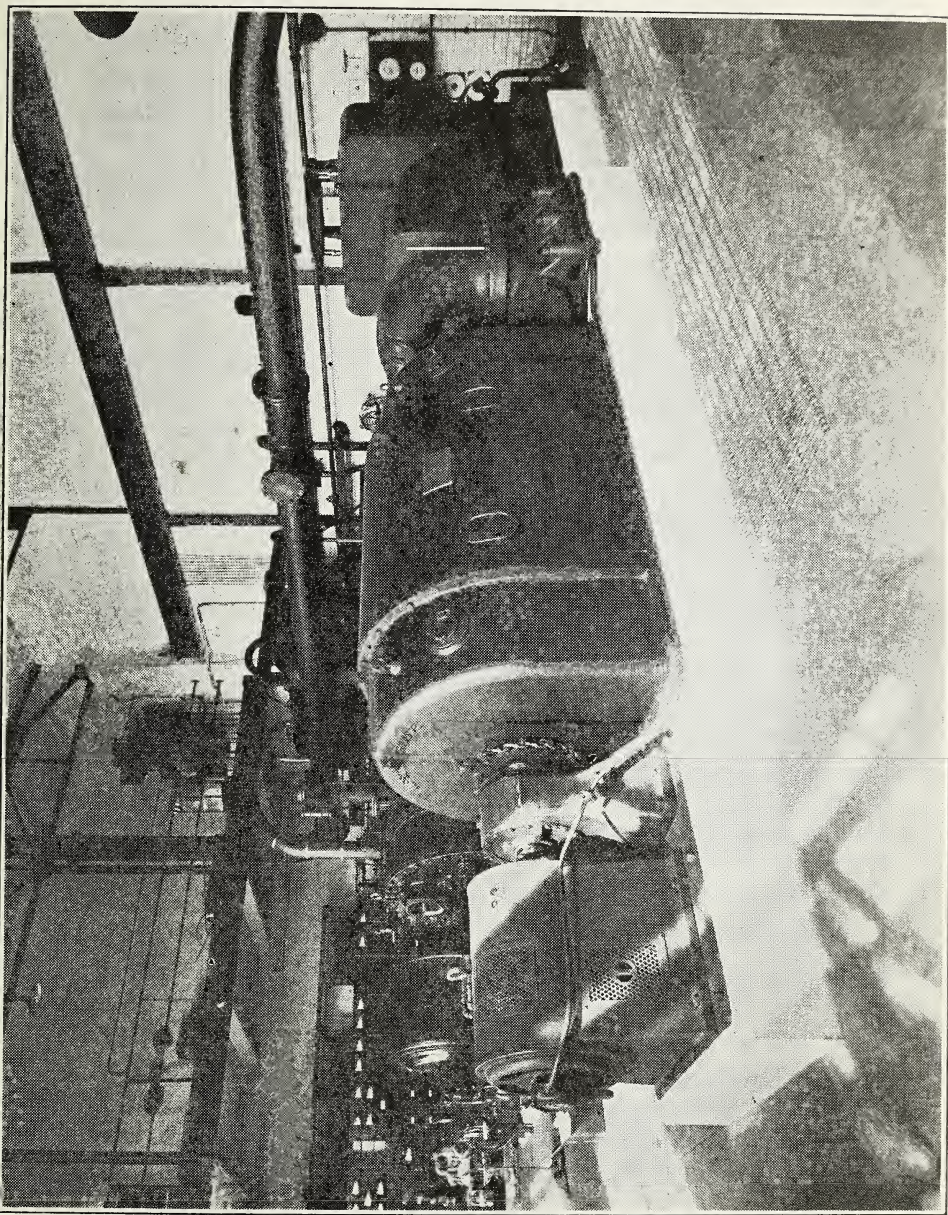
On August 1, 1935, new rate structures were put into effect by The Burgess and Town Council of the Borough of Chambersburg. The reductions provided for by these rate structures ran from 10% to 14%, and the annual calculated saving to the light and power consumers of the Borough of Chambersburg, based on these new rates, was \$25,653.00 per year.

The total revenues in this Department for 1935 were \$270,329.65, and the total operating expenses were \$101,496.55, including \$23,490.65 for depreciation, leaving a total net profit of \$168,833.10.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this department, which involved the making of an appraisal. The Reproduction Value New, less accrued depreciation, as of December 31, 1935, was \$552,132.04.

PHYSICAL DATA ON BOROUGH OF CHAMBERSBURG—ELECTRIC LIGHT DEPARTMENT—1935

Population of Chambersburg—1935	14,000
Number of Light and Power Consumers	4,363
K. W. Hrs. Generated	8,424,277
K. W. Hrs. Used by Station Auxiliaries	497,900
K. W. Hrs. Available for Distribution	7,926,377
K. W. Hrs. Increase over 1934	673,127
K. W. Hrs. Furnished to Street Arc Lamps	239,200
K. W. Hrs. Furnished to Street Incandescent Lamps	273,722
K. W. Hrs. Furnished to Disposal Plant	65,483
K. W. Hrs. Furnished to Fire Department	20,445
K. W. Hrs. Furnished to Office Building	13,273
K. W. Hrs. Furnished to Police Headquarters	3,883
K. W. Hrs. Furnished to Street Department	1,459
K. W. Hrs. Furnished to Wood Choppers	1,570
K. W. Hrs. Furnished to Public Comfort Station	4,007
K. W. Hrs. Furnished to Christmas Tree	1,089
K. W. Hrs. Furnished to Traffic Signals	13,493
K. W. Hrs. Furnished Friendship Christmas Lights	945
K. W. Hrs. Furnished Friendship Block Party, Turkey Raffle	520
K. W. Hrs. Furnished Junior Fair	274
K. W. Hrs. Furnished Good Will Block Party	461
K. W. Hrs. Furnished Franklin Block Party	129
K. W. Hrs. Furnished C. V. Christmas Lights	84
K. W. Hrs. Furnished C. V. Block Party	201
K. W. Hrs. Furnished Buchanan Playground Festival	38
K. W. Hrs. Furnished Broad Street Playground Festival	7
K. W. Hrs. Furnished Henninger Field	121
K. W. Hrs. Furnished Donkey Ball Game	10
K. W. Hrs. Furnished for Light Plant—Fire Alarm Bat- tery	534
K. W. Hrs. Furnished for Light Plant—Storage Shed	14
K. W. Hrs. Furnished to Residential Light Consumers ..	1,582,293
K. W. Hrs. Furnished to Commercial Light Consumers ..	1,354,044
K. W. Hrs. Furnished to Power Consumers	3,823,194



NEW 2500 K. W. TURBO-GENERATOR

Total K. W. Hrs. Sold to all Consumers	6,759,531
K. W. Hrs. Furnished Free	640,962
<hr/>	
Total K. W. Hrs. Sold or Furnished Free	7,400,493
Total K. W. Hrs. Lost in Distribution	525,884
Percent Lost in Distribution	6.6%
Total Number of Active Residential Consumers—January 1, 1936	3,459
Total Number of Active Commercial Light Consumers—January 1, 1936	684
Total Number of Active Power Consumers—January 1, 1936	220
<hr/>	
Total Number of All Active Consumers	4,363
Amount Paid by Residential Light Consumers	\$ 86,653.14
Amount Paid by Commercial Light Consumers	64,012.58
Amount Paid by Power Consumers	77,790.93
<hr/>	
Total Paid by All Consumers	\$ 228,456.65
Amount Received from Sale of Lamps, Miscellaneous	3,445.29
Amount Received from Jobbing Work	363.29
Amount Received from Penalties Imposed	70.82
Amount Received from Interest on Consumers' Deposits	437.85
Amount Received from Insurance on Labor During Improvements at Light Plant	202.87
Amount Received for Material Returned	177.62
Amount Received from Non-Operating Revenue	64.39
Total Cash Received from All Sources	233,218.78
Credit for Light, Power, Supplies Furnished Other Departments Free	36,234.58
Total Operating Revenues—Cash and Credit	269,453.36
Decrease in Receipts from Residential Light over 1934 ..	967.96
Increase in Receipts from Commercial Light over 1934 ..	8,035.32
Increase in Receipts from Power over 1934	5,275.01
Increase in K. W. Hrs. Furnished for Light over 1934 ..	304,126
Increase in K. W. Hrs. Furnished for Power over 1934 ..	444,536
K. W. Hrs. Sold per Consumer per Year — Residential Light	457
K. W. Hrs. Sold per Consumer per Year — Commercial Light	1,979
K. W. Hrs. Sold per Consumer per Year—Power	17,378
K. W. Hrs. Sold per Capita per Year—Residential Light ..	113
K. W. Hrs. Sold per Capita per Year—Commercial Light ..	96
K. W. Hrs. Sold per Capita per Year—Power	273
Received per Consumer per Year—Residential Light	\$ 25.05
Received per Consumer per Year—Commercial Light	93.58
Received per Consumer per Year—Power	353.59
Received per Capita per Year—Residential Light	6.19
Received per Capita per Year—Commercial Light	4.58
Received per Capita per Year—Power	5.55

Average Monthly Bill—Residential Light	\$	2.08
Average Monthly Bill—Commercial Light		7.79
Average Monthly Bill—Power		29.46
Average Price Paid per K. W. H. including Minimum Charge—Residential Light		5.4 cents
Average Price Paid per K. W. H. including Minimum Charge—Commercial Light		4.7 cents
Average Price Paid per K. W. H. including Minimum Charge—Power		2.03 cents
Total Amount of Bills Rendered Net	\$	233,222.36
Total Amount of Bills Collected Net		233,218.78
Lost in Bad Accounts		3.58
Percentage Lost in Bad Accounts .....		.0015%

RATES FOR ELECTRIC CURRENT

Residential Lighting

			Rate per K. W. H.
First	40 K. W. Hrs. used per Month	\$0.06	
Next	60 K. W. Hrs. used per Month	0.045	
Next	100 K. W. Hrs. used per Month	0.035	
All over	200 K. W. Hrs. used per Month	0.025	

Residential Lighting Where Ranges or Refrigerators Are in Service

			Rate per K. W. H.
First	30 K. W. Hrs. used per Month	\$0.06	
Next	60 K. W. Hrs. used per Month	0.04	
Next	100 K. W. Hrs. used per Month	0.03	
All over	190 K. W. Hrs. used per Month	0.02	

Commercial Lighting

			Rate per K. W. H.
First	75 K. W. Hrs. used per Month	\$0.065	
Next	350 K. W. Hrs. used per Month	0.055	
Next	1,500 K. W. Hrs. used per Month	0.035	
All over	1,925 K. W. Hrs. used per Month	0.025	

Minimum Charge

All of the above rates are subject to a monthly Minimum Charge of seventy-five (\$0.75) cents for each Kilo-Watt, or fraction thereof, of connected load, with the exception, however, that in computing the capacity of all electric ranges, the capacity of the largest element of the range shall be used for determining the monthly Minimum Charge, but in no event will a monthly Minimum Charge on any range be less than \$2.00 per Month.

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

Secondary Power

				Rate per K. W. H.
First	500	K. W. Hrs. used	per Month	\$0.03
Next	1,500	K. W. Hrs. used	per Month	0.02
Next	3,000	K. W. Hrs. used	per Month	0.018
Next	5,000	K. W. Hrs. used	per Month	0.016
All over	10,000	K. W. Hrs. used	per Month	0.014

Minimum Charges

Minimum Charges on motor installations for Secondary Power Purposes shall be as follows:

1st	Motor Installed	.....	\$1.25	per H. P. Installed	per Month
2nd	Motor Installed	.....	1.00	per H. P. Installed	per Month
3rd	Motor Installed	.....	.90	per H. P. Installed	per Month
4th	Motor Installed	.....	.80	per H. P. Installed	per Month
5th	Motor Installed	.....	.70	per H. P. Installed	per Month
6th	Motor Installed	.....	.60	per H. P. Installed	per Month
All over	six Motors Installed	....	.50	per H. P. Installed	per Month

Primary Light and Power

				Rate per K. W. H.
First	10,000	K. W. Hrs. used	per Month	\$0.016
Next	20,000	K. W. Hrs. used	per Month	0.014
Next	40,000	K. W. Hrs. used	per Month	0.012
All over	70,000	K. W. Hrs. used	per Month	0.009

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered.

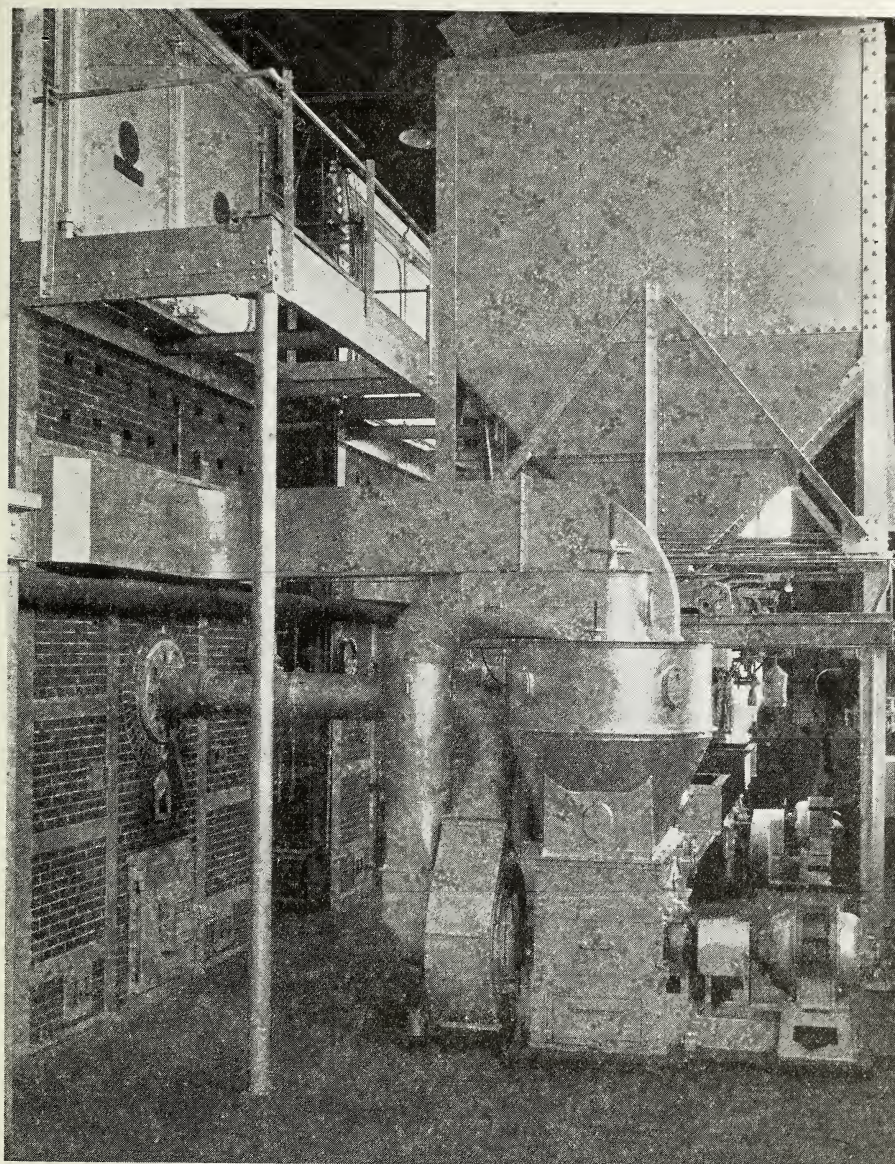
Demand Charges

Demand Charges shall be determined and billed monthly, based on the highest registration during the month of a demand meter having a 15 minute interval, and shall be as follows:

First	200	K. W. of Demand	per Month	\$1.50	per K. W.
All over	200	K. W. of Demand	per Month	1.00	per K. W.

Power Factor Clause

When the average power factor is found to be lower than eighty per cent (80%), the monthly Kilo-Watt Demand shall be corrected and determined as follows: Kilo-Watt Demand as measured, divided by average power factor of load, multiplied by allowable power factor of eighty per cent (80%).



BOILER ROOM, MUNICIPAL ELECTRIC LIGHT PLANT

Off Peak Electric Water Heating

Rate per
K. W. H.

Energy Rate per K. W. Hr. per Month \$0.01

Minimum Charge

\$0.75 per Month per Kilo-Watt of heater capacity, based on largest heating unit.

Discount

The above Energy Rate is subject to a discount of ten (10%) per cent if bills are paid on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

This Rate applied only to a restricted service for residential and commercial water heating.

This Rate is available only to residential and commercial consumers who are accessible to the distributing system of the Borough of Chambersburg Electric Light Department.

The supply of service under this schedule shall be limited to operating periods aggregating not more than twelve hours in each day, or from 9:00 P. M. to 7:00 A. M. the following morning, and from 12:00 noon to 2:00 P. M. This period may, at the option of the Borough, be further restricted or extended.

Service under this schedule is available only for water heaters of not more than 3,000 watts capacity, which shall be furnished, installed, and connected up by the consumer. The Borough of Chambersburg Electric Light Department will furnish a suitable device for automatically restricting the supply of current to those hours which the Borough may designate.

This service will be supplied through a separate integrating watt-hour meter and no other appliances other than the water heater shall be connected to this service. Service will be supplied at either 220 volts or 110 volts single, or three phase, at the option of the Borough of Chambersburg Electric Light Department.

Water heaters, and all devices connected therewith or appurtenant thereto, shall be so designed and constructed that they will not, under any circumstances, cause radio interference by their operation. In the event that any of the equipment does cause radio interference by reason of its operation, the Borough shall discontinue furnishing current to the installation in which the particular radio interference originates, until such time as new equipment is installed, or the old equipment corrected for radio interference. Water heaters must be controlled automatically so that, under no circumstances, shall both heating elements operate at the same time.

GENERAL REGULATIONS

Minimum Charges

Minimum Charges and Demand Charges under the different classes of services are not subject to discount, but if they are not paid on, or before, the 20th of the Month following the Month for which the service was rendered, a ten (10%) per cent penalty shall be added.

Lamps, Supplies, etc.

All bills rendered by the Borough of Chambersburg Electric Light Department, except those rendered for electric energy, are not subject to discount, but if not paid on, or before, the 20th of the month following the Month for which the bill was rendered, a penalty of ten (10%) per cent shall be added.

Deposits

All consumers applying for, or using, any class of service in properties to which they cannot establish ownership shall make a cash deposit with the City Clerk in amount equal to the estimated bills for the service to be supplied in any two consecutive Months. The Borough may at any time require that the deposit be increased to cover two Months' consumption based on the amount of the highest month's billing. The amount of the deposit may be reduced, upon request of the consumer, to an amount sufficient to cover the maximum amount of the billing for any two consecutive Months during the preceding year.

There are at the present time 10 electric water heaters in service in Chambersburg, which are working out entirely satisfactory. The refrigerator load has developed very rapidly during 1935, there being at the present time 690 domestic refrigerators and 78 commercial refrigerators in service. The electric range work is progressing in a very satisfactory manner, there being at the present time 62 electric ranges in service.

BALANCE SHEET ELECTRIC LIGHT DEPARTMENT

Assets

Fixed Capital

Fixed Capital Installed . . .	\$ 782,586.55
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Funds and Special Deposits

Sinking Fund Assets	\$ 42,601.80	
Consumers' Deposits	18,189.28	
		60,791.08

Current Assets

Cash (Borough Treasurer's Account)	\$ 14,816.32	
Accounts Receivable, Consumers	27,635.46	
Materials and Supplies	6,744.24	
Advance to Water Department	56,000.00	
		105,196.02
Total Assets		\$ 948,573.65

Liabilities

Municipal Ownership

Net Investment, Electric Light Department, December 31, 1935	\$ 339,080.83
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Current Liabilities

Consumers' Deposits	16,323.43
Reserves	
Reserve for Renewals and Replacements	230,454.51

Surplus

Total Surplus Earned 1935	362,714.88	
Total Liabilities		948,573.65

RECAPITULATION NET WORTH

Net Investment December 31, 1934	\$ 411,838.88
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Additions

Cash Grant from U. S. Government	\$ 21,750.00	
Free Water from Water Department	2,066.35	
Adjustment .....	.12	
Total Additions		23,816.47
		<u>\$ 435,655.35</u>

Deductions

Contributions to General Borough Funds	96,574.52	
Balance	\$ 339,080.83	
Earned Surplus to December 31, 1935	362,714.88	
Net Worth December 31, 1935		701,795.71

OPERATING REVENUE AND EXPENSE STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues

Metered Sales for Domestic Lighting	\$ 94,626.71
Metered Sales for Other Private Lighting	68,649.30
Metered Sales for Private Power	82,863.50
Metered Sales to Other Electric Utilities	4,211.31
Metered Sales for Other Municipal Lighting	2,671.85
Metered Sales for Municipal Power	1,445.83

Unmetered Sales Municipal			
Street Lighting	31,386.90		
Penalties Imposed	70.82		
Total Sales of Electricity ..		\$ 285,926.22	
Discounts and Allowances			
to Consumers		22,430.33	
Total Operating Revenues			263,495.89

Operating Expenses

Generating System Expenses

Operating Labor	\$ 16,034.12		
Fuel	32,006.23		
Water	2,066.35		
Lubricants	97.50		
Boiler Plant Supplies and			
Expenses	281.25		
Other Supplies and Ex-			
penses	162.94		
Maintenance of Structures			
Maintenance of Steam			
Power-Equipment	1,958.98		
Maintenance of Electric			
Equipment	1,091.47		
Maintenance of Other			
Equipment	463.60		
Total Generating System			
Expenses		\$ 54,963.59	

Distribution System Expenses

Operating Labor	\$ 1,285.46		
Supplies and Expenses			
Overhead and Under-			
ground System	348.31		
Maintenance of Structures			
Maintenance of Overhead			
Equipment	2,822.43		
Maintenance of Services ..	16.69		
Maintenance of Trans-			
formers	874.17		
Maintenance of Meters ...	1,911.72		
Total Distribution System			
Expenses		\$ 7,274.86	

Utilization System Expenses

Operating Labor	\$ 487.02		
Municipal Street, Arc and			
Incandescent System Sup-			
plies and Expenses	1,122.82		
Maintenance of Municipal			
Street Arc and Incandes-			
cent System	538.07		
Total Utilization System			
Expenses		2,147.91	

General Administrative Expenses

General Administrative Salaries	\$ 6,562.08	
Salaries of Meter Readers	1,121.70	
General Administrative Supplies	382.25	
General Officers and Clerks' Expenses	3.45	
Other General Administrative Expenses	283.45	
Total General Administrative Expenses		8,352.93

Other General Expenses

Shop and Laboratory Supplies and Expenses	\$ 38.66	
Insurance	689.33	
Other General Expenses	214.25	
Maintenance of General Equipment	299.57	
Depreciation	23,490.65	
Total Other General Expenses		24,732.46
Total Operating Expenses		\$ 97,471.75

**CONDENSED INCOME PROFIT AND LOSS STATEMENT
ELECTRIC LIGHT DEPARTMENT**

Operating Revenues	\$ 263,495.89
--------------------	---------------

Operating Expenses

Generating System Operating Expenses	\$ 54,963.59	
Distribution System Operating Expenses	7,274.86	
Utilization System Operating Expenses	2,147.91	
General Administrative Expenses	8,352.93	
Other General Expenses	24,732.46	
Total Operating Expenses		97,471.75
Net Operating Income		166,024.14
Non Operating Revenues	\$ 6,833.76	
Non Operating Expenses	4,024.80	
Net Non Operating Income		2,808.96
Total Net Income		\$ 168,833.10

Net Income Deductions

Free Electricity Furnished Borough	35,504.58
Balance of Net Income	\$ 133,328.52

ELECTRIC LIGHT DEPARTMENT
ANALYSIS OF FIXED CAPITAL

	Balance Jan. 1, 1935	Additions 1935	Balance Dec. 31, 1935
Organization	\$ 8,217.91		\$ 8,217.91
Generating System — Land	1,900.00	\$ 128.21	2,028.21
Generating System, Power Plant Structure	44,893.55	35.72	44,929.27
Generating System, Railroad Sidings and Trestle	6,067.16		6,067.16
Generating System, Boiler Plant Equipment	118,391.60		118,391.60
Generating System, Turbo Generators	108,409.35	108,333.18	216,742.53
Generating System, Other Electrical Equipment	16,026.58	7.57	16,034.15
Generating System, Coal Storage and Weighing Equipment	16,645.42		16,645.42
Generating System, Other Power Plant Equipment ..	2,732.10		2,732.10
Transmission System, Over- head Conductors	44.88		44.88
Distribution System, Poles and Fixtures	36,011.08	102.11	36,113.19
Distribution System, Over- head Conductors	29,691.40	2,234.02	31,925.42
Distribution System, Over- head Transformers	31,103.37	2,170.36	33,273.73
Distribution System, Over- head Transformer Instal- lations	5,715.07	96.80	5,811.87
Distribution System, Over- head Services	19,309.46	42.81	19,352.27
Distribution System, Under- ground Conduits	1,183.69		1,183.69
Distribution System, Under- ground Conductors	1,500.98		1,500.98
Distribution System, Under- ground Transformers	605.25		605.25
Distribution System, Under- ground Transformer In- stallation	82.93		82.93
Distribution System, Under- ground Services .....	.44		.44
Distribution System, Meters	37,634.09	1,315.47	38,949.56
Distribution System, Meter Installations	5,703.03	43.57	5,746.60
Utilization System, Com- mercial Arc System	2.16		2.16
Utilization System, Munici- pal Street Arc System	18,535.38		18,535.38
Utilization System, Munici- pal Street Incandescent System	41,087.78	219.47	41,307.25

Other General Land	600.00		600.00
Other General Structures ..	2,590.00		2,590.00
General Office Equipment ..	1,082.83		1,082.83
General Store Equipment ..	184.00		184.00
General Garage Equipment ..	2,044.00	711.83	2,755.83
General Laboratory Equip- ment	564.10	20.36	584.46
General Tools and Imple- ments	464.35	35.39	499.74
Engineering and Superin- tendence During Con- struction	26,067.75		26,067.75
Administrative and Legal Expenses and Taxes Dur- ing Construction	8,217.91		8,217.91
Interest During Construc- tion	25,393.33		25,393.33
Development Cost	48,386.75		48,386.75
	<u>\$ 667,089.68</u>	<u>\$ 115,496.87</u>	<u>\$ 782,586.55</u>

ELECTRIC LIGHT DEPARTMENT—SINKING FUND

Balance in Sinking Fund (Four Banks) January 1, 1935	\$ 400.75	
Transfer from Electric Light Department	31,200.00	
Transfer from Water De- partment	14,187.46	
Interest Received (Four Banks)	421.05	
Portion of U. S. Grant De- posited in Light Sinking Fund	11,708.40	
	<u> </u>	\$ 57,917.66
Transfer to Light Depart- ment	\$ 15,315.86	
Balance in Hands of Treas- urer January 1, 1936 ..	42,601.80	
	<u> </u>	\$ 57,917.66

Free Lighting and Power Used in Borough During 1935

Light

Public Comfort Station ...	\$ 221.15
Traffic Signals	554.83
Friendship Fire Company ..	218.33
Junior Fire Company	221.46
Good Will Fire Company ..	347.40
Franklin Fire Company ...	225.71
Cumberland Valley Fire Company	85.61
City Hall	416.78

City Hall—Water Heater	41.60	
Police Headquarters	215.63	
Municipal Garage	43.61	
Light Plant, Storage Shed	9.00	
Light Plant, Fire Alarm Battery	32.66	
Disposal Plant, Pump House	38.08	
	<hr/>	\$ 2,671.85

Power

Franklin Fire Company	\$ 60.60	
Disposal Plant	1,225.89	
Municipal Garage (5 months)	46.90	
Free Power for Sawing Wood	112.44	
	<hr/>	1,445.83
Arc Lighting of Streets	\$ 7,253.40	
Incandescent Lighting of Streets	24,133.50	
	<hr/>	31,386.90
Total		\$ 35,504.58

In Addition, Credit Account Labor at Plant—Fire Alarm Batteries 365 at \$2.00	\$ 730.00
---	-----------

ELECTRIC CURRENT LIENS

Balance to be Collected January 1, 1935	\$ 96.39
Balance to be Collected January 1, 1936	96.39

STATEMENT OF ASSETS AND LIABILITIES OF THE BOROUGH OF CHAMBERSBURG FOR THE YEAR ENDING JANUARY 1, 1936

Assets

Cash in Treasurer's hands, General Borough	\$ 420.57
Cash in Treasurer's hands, Water Department	4,320.24
Cash in Treasurer's hands, Light Department	14,816.32
Cash in Treasurer's hands, Light Department Sinking Fund	42,601.80
Cash in Treasurer's hands, Bond Department	92,976.91
Cash in Treasurer's hands, Bond Department Sinking Fund	9,445.00

Cash in Treasurer's hands, Borough Fire Fund	15,897.64	
Cash in Collector's hands, Electric Light Consumers Deposit Account	18,189.28	
	<hr/>	\$ 198,667.76

	Borough	Bond	Borough and Bond	
Tax Duplicate, 1928-1929			\$ 202.62	
Tax Duplicate, 1931-1932	\$1,395.42	\$ 779.80		
Tax Duplicate, 1932-1933	897.94	943.09		
Tax Duplicate, 1933-1934	1,761.24	1,899.31		
Tax Duplicate, 1934-1935	2,594.79	2,631.86		
Tax Duplicate, 1935-1936	961.44	3,099.24		
	<hr/>	<hr/>	<hr/>	
	\$7,610.83	\$ 9,353.30	\$ 202.62	17,166.75
Investments, Borough Fire Fund				5,000.00
Unpaid Tax Liens, E. W. Davis, Collector			4,888.85	
Unpaid Paving Liens			3,288.05	
Unpaid Sewer Liens			7,512.92	
Unpaid Sewer Assessments			401.52	
Unpaid Water Liens			2,188.19	
Unpaid Electric Light Liens			96.39	
			<hr/>	18,375.92
Water Department—Current Assets, Less Cash in Treasurer's Account				13,647.73
Light Department—Current Assets, Less Cash in Treasurer's Account				34,379.70
Value of Water Distributing System				927,032.87
Value of Light Plant and Distribution System				552,132.04
Value of Disposal Plant and Main Trunk System				148,135.00
Value of Lateral Sewers				218,589.27
Value of Fire Houses and Apparatus				143,513.00
Value of Office Building, Market House ..				55,856.00
Value of Police Headquarters				10,000.00
Value of Street Department, Storage House and Equipment				21,500.00
Value of Henninger Field				12,500.00
Value of Fourth Street Properties				4,000.00
Value of Third Street Property				1,000.00
Value of Public Comfort Station				5,500.00
			<hr/>	<hr/>
				\$2,386,996.04

Liabilities

4½ Per Cent Improvement Bonds of 1912, Issued December 1, 1912, Due September 1, 1942, Total Issue		\$ 50,000.00	
Bonds Redeemed and Cancelled 1932	\$ 5,000.00		
Bonds Redeemed and Cancelled 1933	6,500.00		
Bonds Redeemed and Cancelled 1934	5,000.00		
Bonds Redeemed and Cancelled 1935	5,000.00		
		<u>21,500.00</u>	
Balance Outstanding			\$ 28,500.00
3 Per Cent Improvement and Refunding Bonds, Issued December 1, 1935			150,000.00

The above balances are the present actual indebtedness of the Burgess and Town Council of the Borough of Chambersburg created without the authority of the vote of electors thereof.

Electric Light Consumers' Deposit Account	18,189.28
Assets in Excess of Liabilities	<u>2,190,306.76</u>
	\$2,386,996.04

HARRY R. GEARHART,
PAUL N. GEYER,
ALBERT S. HENNEBERGER,
Auditors.

COMPARISON OF TAX LEVY, BONDED DEBT, ETC., FOR YEAR 1935

Borough	Popula- tion	Assessed Valuation	Tax Rate (Mills)	Taxes Levied for Borough and Bond Purposes	Taxes Paid Per Capita	Bonded Debt (Less Sink- ing Fund)	Net Debt Per Capita
Berwick	12,660	\$ 8,689,695.00	9.5	\$ 82,552.00	\$ 6.52	\$151,652.00	\$11.98
Cannonsburg	15,000	6,546,805.00	15.0	98,202.00	6.55	166,386.00	11.09
Carnegie	12,497	9,799,680.00	14.0	137,196.00	10.98	288,480.00	23.08
Donora	13,905	12,474,244.00	10.0	124,742.00	8.97	460,427.00	33.11
Dormont	13,190	16,858,225.00	9.0	151,724.00	11.50	674,170.00	51.11
Lewistown	13,357	7,166,575.00	11.0	78,832.00	5.90	189,308.00	14.17
Munhall	12,995	21,217,025.00	11.0	233,387.00	17.96	788,577.00	60.68
Steelton	13,291	8,231,451.00	18.0	148,166.00	11.15	313,666.00	23.60
Warren	14,863	13,180,735.00	12.0	158,169.00	10.64	155,542.00	10.46
Carlisle	12,596	11,429,205.00	8.0	91,433.00	7.25	621,000.00	49.30
Shippensburg	4,345	2,757,095.00	7.5	20,678.00	4.75	179,000.00	41.19
Waynesboro	10,167	6,034,414.00	11.0	66,379.00	6.53	452,500.00	44.50
Chambersburg	14,000	7,859,398.00	4.0	31,437.00	2.25	88,550.00	6.33

The above Tabulation, information for which was obtained from the Bureau of Municipal Affairs, State Capitol, Harrisburg, Pa., and the different municipalities themselves, shows the rather enviable position your Borough occupies, as compared with other Boroughs of approximately the same size in the State of Pennsylvania. The Boroughs listed are distributed over the entire State.

The Pennsylvania State Department of Internal Affairs has compiled data showing that between the years 1923 and 1932 taxes have increased in the political subdivisions of the State as follows:

AVERAGE TAX INCREASE OVER THE ENTIRE STATE

Counties	50%
Cities	52%
Boroughs	27%
Townships	23%
School Districts	43%
Poor Districts	107%

A survey and compilation of the same material brought up to date would undoubtedly show a still larger average increase in taxes.

The past four years have been very strenuous years for borough governments. To a very large extent the burden of taking care of the unemployed has been thrown on to boroughs and cities. The Borough of Chambersburg was outstanding in this work, which, of course, involved large expenditures of moneys for materials necessary to provide work for the unemployed, but notwithstanding these large expenditures, the Borough of Chambersburg reduced the Borough taxes from four mills to one mill, or a reduction of \$21,000.00 per year in Borough taxes.

The outstanding achievement of your Borough Government was that it could make such large outlays for necessary Capital and Maintenance Expenditures, and at the same time make such substantial reductions in taxes, light, and power rates.

VALUES OF SERVICES RECEIVED FOR \$1.00 OF BOROUGH TAXES LEVIED 1935

	Costs	Taxes Levied for Borough Purposes
Borough Administration ...	\$ 36,597.45	divided by \$7,859.40=\$ 4.656
Police Services	15,982.83	divided by 7,859.40= 2.033
Public Health Services	2,153.21	divided by 7,859.40= .273
Fire Protection Services	19,081.49	divided by 7,859.40= 2.427
Street Department Services	49,127.28	divided by 7,859.40= 6.25
Street Lighting — Miscel. Services	31,542.70	divided by 7,859.40= 4.013
Sanitary Sewerage Services	12,557.09	divided by 7,859.40= 1.597
Comfort Station Services ...	839.73	divided by 7,859.40= .106
Parks and Playground Services	3,779.65	divided by 7,859.40= .480
Total	\$171,661.43	divided by \$7,859.40=\$21.84

VALUES OF SERVICES RECEIVED PER CAPITA

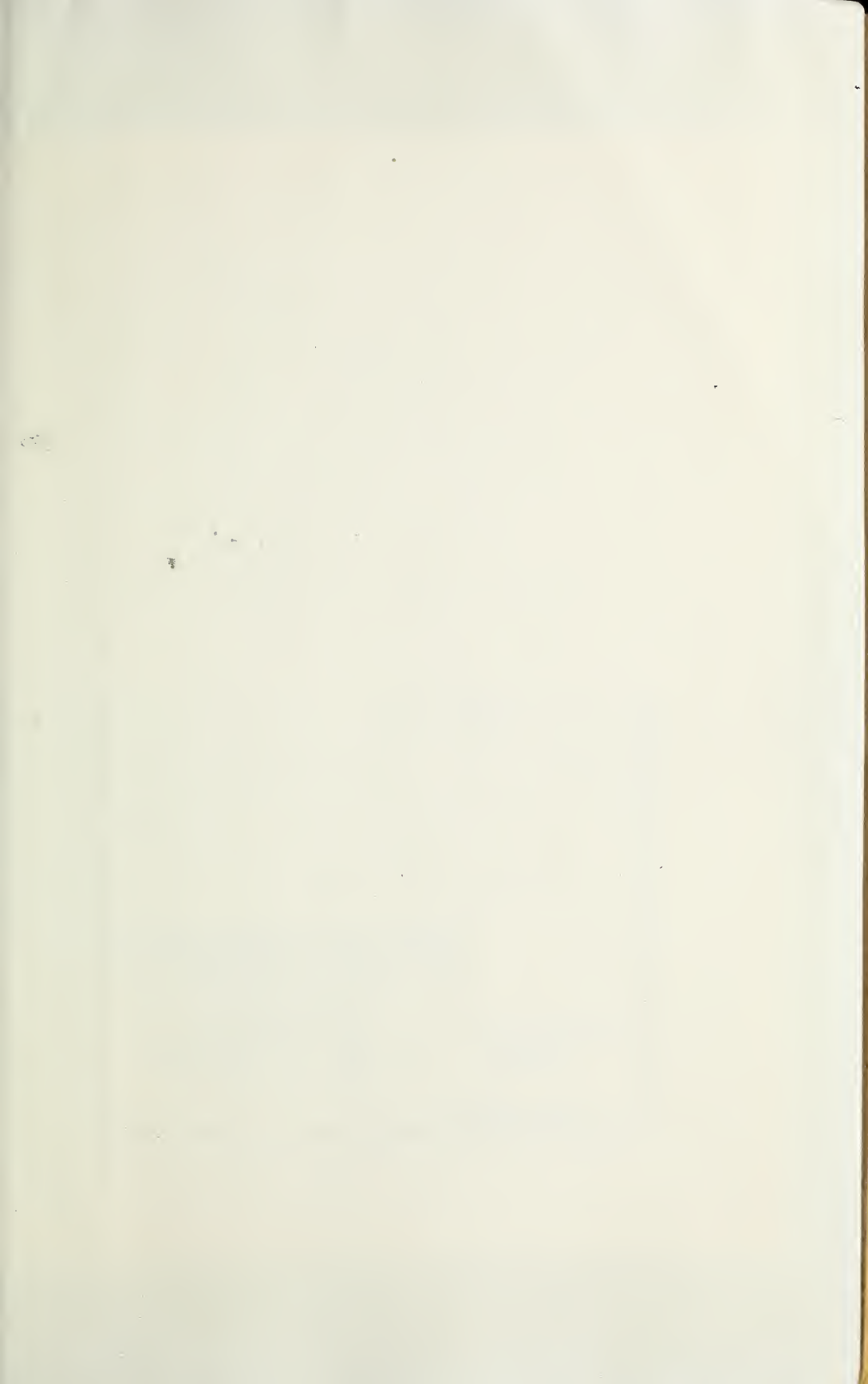
	Estimated Population 14,000 Population
Borough Administration	\$ 36,597.45 divided by 14,000=\$ 2.614
Police Services	15,982.83 divided by 14,000= 1.141
Public Health Services	2,153.21 divided by 14,000= .153
Fire Protection Services	19,081.49 divided by 14,000= 1.362
Street Department Services ...	49,127.28 divided by 14,000= 3.509
Street Lighting — Miscel. Ser- vices	31,542.70 divided by 14,000= 2.253
Sanitary Sewerage Services ..	12,557.09 divided by 14,000= .896
Comfort Station Services	839.73 divided by 14,000= .059
Parks and Playground Services	3,779.65 divided by 14,000= .269
Total	\$171,661.43 divided by 14,000=\$12.26

Note: The Citizens of Chambersburg received in these services \$171,-661.43 of Value for which Taxes were levied for Borough purposes in the amount of \$7,859.40. If you did not operate your Electric Light and Water Utilities, at a handsome profit, the whole cost of these services would have to be paid for by Taxes, which would mean an increase in Taxes for Borough purposes of 21.9 times what they were in 1935.

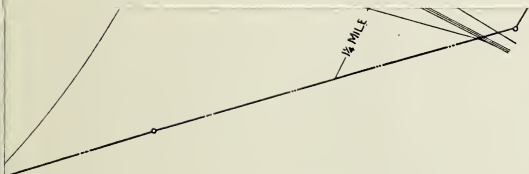
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CHAMBERSBURG PENNSYLVANIA

OFFICE OF THE BOROUGH ENGINEER
CHAMBERSBURG, PENNA.

SCALE 1"=300'

JANUARY 1935

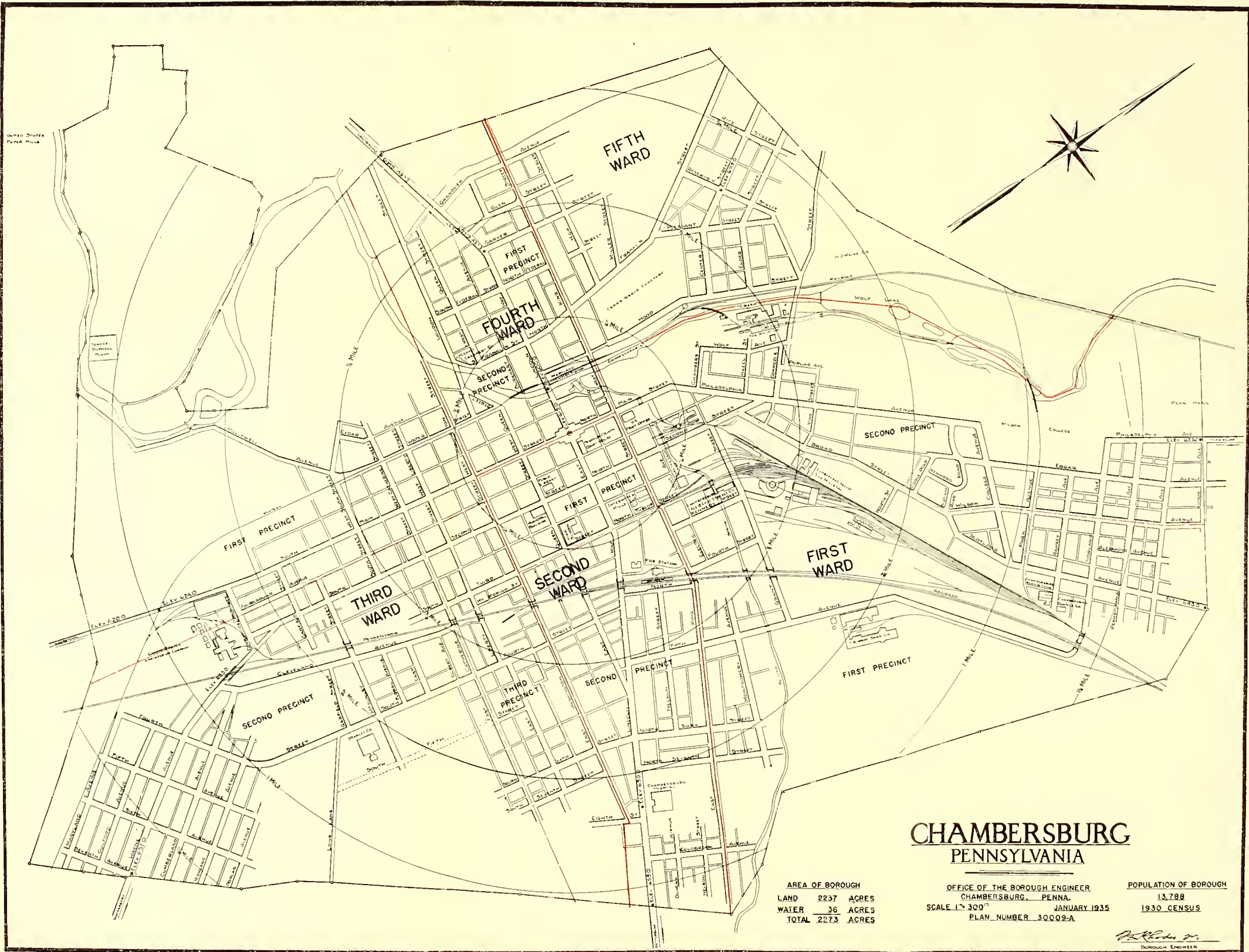
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POPULATION OF BOROUGH

13,788

1930 CENSUS

W. Rhodes Jr.
BOROUGH ENGINEER



CHAMBERSBURG PENNSYLVANIA

AREA OF BOROUGH
LAND 2237 ACRES
WATER 36 ACRES
TOTAL 2273 ACRES

OFFICE OF THE BOROUGH ENGINEER
CHAMBERSBURG, PENNA.
SCALE 1" = 300'
JANUARY 1935
PLAN NUMBER 30009-A

POPULATION OF BOROUGH
13,788
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BOROUGH ENGINEER

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ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1936



This Pamphlet is published for the benefit of the citizens of Chambersburg, that they may become better acquainted with those vital things in our community that go to make Chambersburg a better place in which to live.



ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1936



FOR THE YEAR
from
JANUARY 1, 1936, TO DECEMBER 31, 1936
Being
THE ONE HUNDRED AND THIRTY-THIRD SINCE INCORPORATED
AS A BOROUGH

PERSONNEL OF THE BOROUGH GOVERNMENT

1936

R. C. VANDERAU	Chief Burgess
H. STANLEY APPENZELLAR	President Town Council
J. HASE MOWREY	Manager of Utilities
E. W. DAVIS	Secretary
CONRAD E. FOGELSANGER	Treasurer
EDMUND C. WINGERD	Solicitor
GEORGE H. BITNER	Tax Collector
HARRY R. GEARHART	Auditor
PAUL N. GEYER	Auditor
ALBERT S. HENNEBERGER	Auditor
MARGARET E. WINGERT	Chief Bookkeeper
H. S. BYERS	Chief of Police
ROBERT MONN	Superintendent of Water and Sewer
F. D. RHODES, JR.	Borough Engineer
CHARLES F. PFOUTZ	Assistant Borough Engineer

COMMITTEES OF COUNCIL

FINANCE COMMITTEE

H. S. APPENZELLAR, *Chairman*
J. H. KARNS
G. FRED GIBBS
G. B. STOFFER
J. HARVEY MARTIN

STREET COMMITTEE

ELLWOOD JODER, *Chairman*
G. S. KLENZING
J. HARVEY MARTIN

SEWER COMMITTEE

G. B. STOFFER, *Chairman*
B. F. SMALL
J. HARVEY MARTIN

PUBLIC SAFETY COMMITTEE

BURGESS R. C. VANDERAU,
Chairman
CHIEF H. S. BYERS
G. FRED GIBBS
B. F. SMALL
T. C. McCULLOUGH

INDUSTRIAL COMMITTEE

G. B. STOFFER, *Chairman*
ELLWOOD JODER
T. C. McCULLOUGH

PARK AND PLAYGROUND COMMITTEE

C. H. PENSINGER, *Chairman*
ELLWOOD JODER
G. S. KLENZING
G. FRED GIBBS

COYLE LIBRARY TRUSTEES

ELLWOOD JODER
C. H. PENSINGER

WATER AND LIGHT COMMITTEE

J. H. KARNS, *Chairman*
B. F. SMALL
T. C. McCULLOUGH

FIRE COMMITTEE

G. FRED GIBBS, *Fire Marshal*
C. H. PENSINGER
G. S. KLENZING

PUBLIC COMFORT STATION
COMMITTEE

J. H. KARNS, *Chairman*
J. HARVEY MARTIN
T. C. McCULLOUGH

BOROUGH PROPERTY

H. S. APPENZELLAR, *Chairman*
ELLWOOD JODER
J. H. KARNS
G. FRED GIBBS
G. B. STOFFER

CIVIL WORKS COMMITTEE

B. F. SMALL, *Chairman*
G. S. KLENZING
T. C. McCULLOUGH

BOARD OF HEALTH

DR. B. M. BEATTIE, *President*
DR. L. H. SEATON
JAMES C. CLARK
PAUL WALKER
LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



ELLWOOD JODER
Councilman, 1st Ward



G. FRED GIBBS
Councilman, 1st Ward



R. C. VANDERAU
Chief Burgess

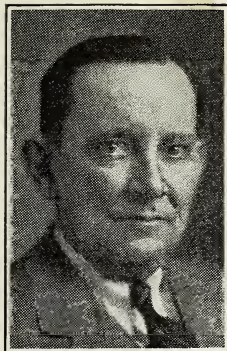


J. H. KARNS
Councilman, 2nd Ward

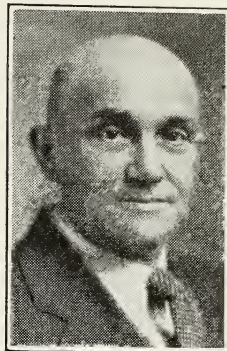


J. HARVEY MARTIN
Councilman, 2nd Ward

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



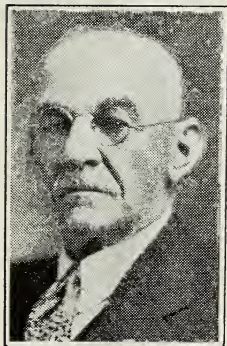
C. H. PENSINGER
Councilman, 3rd Ward



G. B. STOFFER
Councilman, 4th Ward



H. S. APPENZELLAR
*President of Council
Councilman, 3rd Ward*

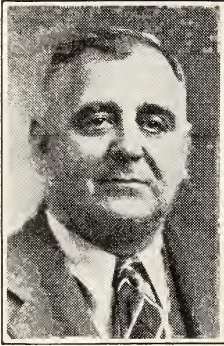


T. C. MCCULLOUGH
Councilman, 4th Ward



B. F. SMALL
Councilman, 5th Ward

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



G. STEWART KLENZING
Councilman, 5th Ward



E. C. WINGERD
Borough Solicitor



J. HASE MOWERY
Manager of Utilities



F. D. RHODES, JR.
Borough Engineer

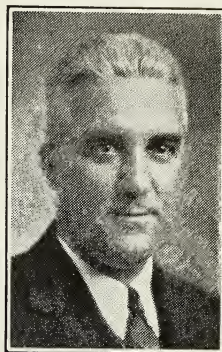


H. S. BYERS
Chief of Police

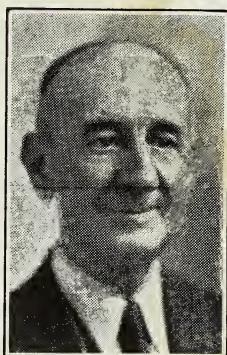
BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG



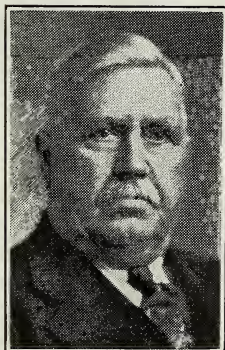
MARGARET E. WINGERT
Chief Bookkeeper



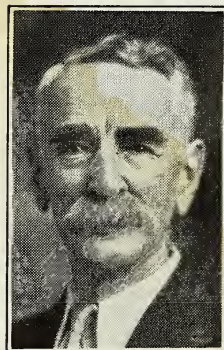
ROBERT MONN
Supt. of Water and Sewer



E. W. DAVIS
Borough Clerk



W. H. WASHINGTON
Supt. of Streets



W. W. MILLER
Market Master



MUNICIPAL OFFICE BUILDING

HISTORICAL

Chambersburg was founded by Benjamin Chambers at "Fawling Spring on Cannogogige," in 1734, and in 1764 Benjamin Chambers writes, "there is a town laid out on Conegogig Creek." The Town was incorporated by an Act of the General Assembly of the State of Pennsylvania, March 21, 1803, and the first Burgess and Town Council consisted of the following: Chief Burgess—Major John Holliday; Councilmen—Edward Crawford, Esq., Andrew Dunlap, Christian Oister, John Shryock, and Patrick Campbell. It has grown slowly, but its growth has been steady and its accomplishments enduring. Today, it bears the rather enviable reputation of being one of the outstanding boroughs in the State of Pennsylvania, and its citizens enjoy more vital services at a much lower cost than any other borough in the State.

POLICE DEPARTMENT

The first police force for the Borough of Chambersburg was established January 16, 1818, by the following action of Town Council, "Be it ordained, etc., That four men shall be employed to watch and patrol the streets of the Borough, during the night, from nine o'clock until daybreak, for the term of three months from this date, to guard the property of the inhabitants, as far as in their power, from incendiaries, thieves, and plunderers, and to arrest and detain all vagrants and night walkers until the morning, unless he, she, or they, can give a satisfactory account of their purpose and the occasion of their being found on the street—and also call the hour."

The Council entered into an article of agreement dated January 17, 1818, with Robert Allison, as Captain, William McElhany, Jacob Heckerman, and Dan McAllister, privates, to patrol the town from nine o'clock until daybreak, call the hour, and light any lamps that are, or may be erected, for which the Captain was to receive \$18.00 per month, and each private \$15.00 per month, and the Council was to furnish each one with a sufficiently warm watch-coat.

From the following proclamation, it is evident that 120 years ago, the sources of amusement for the good people of Chambersburg were more varied, permanent, and better protected than they are today:

"To Robert Allison, High Constable

Sir: You are hereby authorized to attend the Theatre in the Borough of Chambersburg and Protect the Manager thereof whilst acting from any disorderly Person or Persons—and if any Person or Persons attempt to disturb said actors during their performans—you are hereby Commanded to bring him or them before me or any Justice of the Peace in said Borough to be dealt with according to Law. Fail not.

Given under my hand and seal this 19th day of July, 1816.

(Signed) PATRICK CAMPBELL, Burgess."

From this very modest beginning, the Police Department has developed into a highly efficient and very completely equipped organization, consisting of a Chief, one Lieutenant, and eight Patrolmen. Their equipment consists of a Hardinge Police Register System, dictograph,

finger printing outfit, Colts 38 calibre revolvers, tear gas guns, tear gas hand grenades, police car, and two motorcycles.

During the year 1936, the Police Department answered 870 calls. This is exclusive of all calls answered by the Chief, or by the Lieutenant. There was a total number of 584 arrests made for various offenses. The arrests for drunk and disorderly conduct totaled 248. There were 12 actual cases of breaking-in and larceny reported, and 6 arrests were made in these 12 cases. The night patrol reported 272 store doors left open by owners on leaving store. The total amount of fines collected was \$975.00.

FIRE DEPARTMENT

More than one hundred and fifty years ago, in 1790 to be exact, when the village of Chambersburg consisted entirely of either log or frame houses, and the fire hazard was great because of wood fires upon the open hearth, the necessity of providing protection from fire was first discussed, and the Friendship Fire Company, an organization of citizens equipped with buckets, was formed.

Since that time, with the expansion of the village from a few houses to a borough of the first magnitude, the formation of additional companies became necessary, and their equipment, from bucket to hand pump, to hose reel, to steam fire engine, and, during the past fifteen years to modernized motor drawn and motor driven apparatus, has kept pace with the times.

Today, the fire department consists of five companies, advantageously located, and equipped with three American LaFrance Pumps, one Ward LaFrance Flood Light Truck and Pumper, an aerial truck with 65-foot ladder, a City Service truck with booster pump, a truck equipped with a Foamite unit, a squad and chemical car, and an ambulance.

The companies are entirely volunteer, only the drivers of the apparatus receiving pay from the Borough. The fire houses are owned by the Borough and under the care of the Property Committee of the Borough Council.

In addition to the above mentioned equipment, the town is completely covered by the Gamewell Fire Alarm System, consisting of 53 fire alarm boxes, 5 station house indicators and gongs, and one general alarm, all storage battery operated, and 215 latest type fire plugs are installed at the most advantageous points.

The Department answered 23 general alarms sounded by the Gamewell System during the year, 5 of which were false alarms. In addition to these system alarms, the companies responded to silent alarms and individual calls as follows:

Junior Company	27
Good Will Company	26
Franklin Company	17
Cumberland Valley Company	13
Friendship Company	8

The Good Will ambulance responded to 702 calls during the year. The total estimated fire loss during the year was \$6,000.00.

STREET DEPARTMENT

On March 30, 1734, Benjamin Chambers was given a grant to take, settle, and improve 400 acres of land at the mouth of the Falling Spring and Conococheague Creek, but this tract was not sub-divided until 1764 when it was laid out as a town and called Chambers Town, which name was changed to Chambersburg when Franklin County was erected in 1784.

The limits of the town at that time were on the north by the Falling Spring, on the east by Second Street, on the south by approximately Liberty Street, and on the west by the Conococheague Creek.

In the beginning of the 19th Century no streets had been graded or paved, although each property owner was required to maintain a walk in front of his own property. The original plan of the inhabitants was to make Second Street the principal business street, but this was changed to Main Street after considerable influence was exerted by those property owners.

Prior to 1813, the Lincoln Highway and Main Street were repaired by the Turnpike Company, by turnpiking which consisted of placing one foot of broken stone covered with gravel and clay. The first record of a contract awarded by the Borough was in 1813 to repair the Lincoln Highway and Main Street near the "Diamond."

The first covered storm sewer was built in Burkhart Avenue from Main Street to the Creek in 1823. This sewer had an inside height of 4½ feet and width of 3½ feet.

The extension of this form of street repairs, grading, and sewers continued with some modifications until 1912 when the present brick paving was laid and plans adopted to continue this paving four blocks each year. This plan was not followed due to the increased cost of materials.

In 1918 a general plan of macadam construction and surface oiling was adopted and the Lincoln Highway and Main Street were paved first with waterbound macadam and treated with road oil. This is the first year that a large quantity of road oil was used as a maintenance and construction material. Prior to this time oil was used as a dust preventive and partially paid for by the property owners abutting on the streets treated.

This plan was continued until 1927 and 1928, when the Lincoln Highway and Main Street were again repaved with reinforced cement concrete.

In addition to all the usual maintenance works, such as patching, oiling, sweeping and removing refuse from streets, snow removal, grading, dust control, etc., the following construction work was done during 1936:

During the winter of 1936 the great snowfalls and continued sub-zero temperature required the largest program of snow removal ever attempted in Chambersburg. Also the surface damage to the streets was considerably higher than ever before.

The construction program for the year consisted of Storm Sewer construction on Burkhart Avenue, East Queen Street from Main Street eastward approximately 150 feet, Franklin Street from King Street to Miller Street; Commerce Street from Wolf Avenue to Conococheague Creek; and on Fourth Street from Wayne Avenue southward.

Macadam paving on Coldbrook Avenue from Lincoln Way southward 600 feet; Federal Street between Lincoln Way West and King

Street; East Catherine Street from Sixth Street to Seventh Street and Seventh Street from Liberty Street to Catherine Street.

On Garfield Street the concrete curb and gutter on the north side of the street was replaced and lowered to meet the grade established by the Highway Department paving constructed several years ago.

To meet the demand for the development of Catherine Street and Coldbrook Avenue a grading project was started and will have a 20 foot macadam paved roadway when completed.

The stone retaining wall on South Franklin Street along the Conococheague Creek was rebuilt to conform to new grade established by the construction of a concrete sidewalk along this wall.

This work required some new equipment and a 1½ ton truck, chip spreader, snow plow and 10 ton gasoline road roller were purchased.

STREET DEPARTMENT REPORT

FOR THE YEAR ENDING DECEMBER 31, 1936

In presenting this report of the Street Department activities during 1936, we feel it is interesting to show in addition a comparative report of the works completed during the past eighteen years. The progress in highway construction and maintenance has made necessary large expenditures for drainage structures and bridges.

Comparative report of streets, alleys, sewers, bridges, as of 1918 and 1936 showing works completed by the Street Department during the past eighteen years:

STREET SURFACES

1918		1936
Square Yards	Type	Square Yards
3,850	Oil Treated Water Bound Macadam	360,586
0	Oil Treated Bituminous Macadam	46,515
0	Reinforced Concrete	72,663
14,712	Brick on Concrete Base	14,712
0	Bituminous Concrete	9,251
302,400	Stone and Cinder	84,213
188,200	Clay or Slate	9,500
96,965	Not Opened	8,687
Total—606,127 sq. yds. or 30.936 miles.		

ALLEY SURFACES

1918		1936
Miles	Type	Miles
0	Reinforced Cement Concrete	.65
4.10	Macadam	18.98
17.90	Clay or Slate	2.37
Total—22 miles.		

UNDERGROUND SURFACE WATER DRAINS

1918		1936
Linear Feet		Linear Feet
2,610	12" Terra Cotta Pipe.....	2,610
200	18" Terra Cotta Pipe.....	4,380
0	15" Terra Cotta Pipe.....	260
2,650	24" Terra Cotta Pipe.....	4,993
0	36" Terra Cotta Pipe.....	452
0	15" Concrete Pipe.....	350
0	18" Concrete Pipe.....	534
775	24" Concrete Pipe.....	660
0	18" Iron Pipe.....	1,050
0	3' x 2.5' Concrete Box.....	1,662
0	4' x 3' Concrete Box.....	1,467
0	3' x 3' Concrete Box.....	8,183
0	4' x 4' Concrete Box.....	6,726
0	2' x 2' Concrete Box.....	150
<hr/>		
6,235	Totals	33,477
31	Inlets	246

ENGINEERING DEPARTMENT

The office of the Borough Engineer in Chambersburg was created by Ordinance approved by the Burgess and Town Council on June 14, 1909.

The Town Council appoints the Borough Engineer, and they are the judges of what assistants shall be furnished. He shall furnish all engineering for all departments unless otherwise directed by Council: To make profiles and plans of all streets, alleys, sewers, bridges, and to keep proper records of same; To have charge of all Borough property not under the supervision of the Manager of Utilities; To have general supervision over all work of the Street Department and to report monthly to the Borough Council of all works completed; To keep records of locations of water, sewer, and gas pipes; To furnish and supply maps, charts, profiles, plans, specifications, estimates, data, and advice to Town Council, all committees and officers of the Borough.

PUBLIC COMFORT STATION

A Public Comfort Station was built by the Borough of Chambersburg and the Commissioners of Franklin County in 1932 at a total cost of \$10,689.03, and is maintained jointly by them. The operating costs and repairs are divided. In 1936, the costs were \$817.44, of which the Borough paid \$412.75. In addition the Borough furnished water and electricity to the amount of \$423.32, and the County Commissioners furnished heat and janitor service, without charge.

Two attendants are employed and are on duty each day during the hours of operation to maintain order and keep the station in an orderly and sanitary condition.

The use made of this station has greatly exceeded the estimates made by the original promoters, and the records kept show that more than 2,000 people attended this station in one day.

PARKS AND PLAYGROUNDS

Small park areas are owned and maintained on Commerce Street, Grandview Avenue, Borough Farm, Memorial Fountain, and Fountain on Glen Street, and in addition the banks of the Conococheague Creek and Falling Spring are maintained and planted by the Borough.

The playground system has been developed in five small playgrounds with Henninger Field as the center of competitive events.

Practically all the playground equipment was purchased by the citizens in the vicinity of each playground and maintained by them until several years ago the Borough accepted the responsibility of all equipment, maintenance, and repairs. Wading pools have been constructed on the Fifth Ward and Stevens Playgrounds. Tennis courts are provided for Stevens, Fifth Ward, Buchanan, and Henninger Field.

The playgrounds and activities are supervised by the Borough Engineer with a girl director at each playground. The programs are designed to have all presentations of activities as a unit, rather than on a competitive basis. The program continues for twelve weeks and consists of athletic activities, dramatics, hand-craft, and music. All competitive contests are held on Henninger Field and Buchanan Playground where two men supervise the contests.

New permanent bleachers were constructed at Henninger Field, bringing the seating capacity to 2,000 persons with portable bleachers accomodating 1,000 more.

HISTORY OF THE CHAMBERSBURG HEALTH BOARD

The first meeting of the Chambersburg Health Board was held in Council Hall, September 26, 1893. The following men—Dr. Johnston McLanahan, A. J. White, J. Brua Hoyer, and George Denton were sworn in as members by Burgess George A. Wood. Dr. John A. Bouse was appointed Health Officer.

Dr. McLanahan was elected President of the Board, which office he held until October 3, 1912.

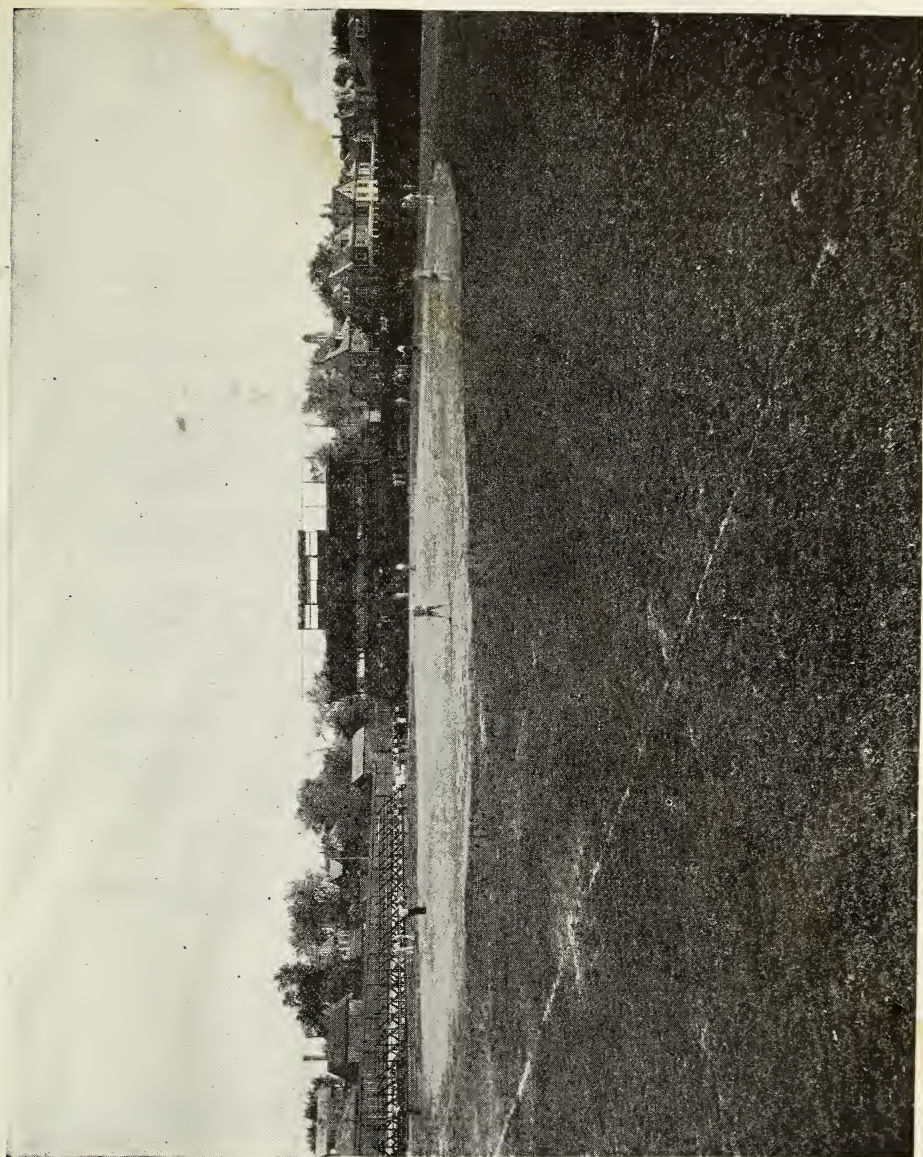
Among the first duties of the Board were the enacting of local sanitary measures which, in conjunction with the State regulation, began functioning shortly after its inception.

The Health Board was the outcome of an Act of the General Assembly of May 9, 1893, authorizing Chambersburg such a Board. Those who served as members of this Board until the present date are as follows:

A. J. White
Dr. John A. Bouse
Daniel O. Gehr
Dr. Helen Stewart

E. E. Foust
Dr. J. J. Eckel
Dr. Paul Allen
Morris Lloyd

Thomas K. Scheller
Dr. Guy P. Asper
Dr. B. M. Beattie
J. W. Rearick



HENNINGER FIELD

Paul Walker
J. Brua Hoyer
Capt. W. H. Mackey
Daniel Harmony
T. C. Karper
Geo. F. Arris
A. L. Logue

W. O. Nicklas
Jacob Schaff
Milton McDowell
George Denton
W. L. Ritchey
Dr. H. M. Miley

C. P. Miller
Geo. K. Lehner
Herman Kraiss
Dr. L. H. Seaton
H. A. Kottcamp
James C. Clark
Lester Marshall

Mr. Lloyd succeeded Dr. McLanahan as President in 1914, there being no record from October, 1912 to 1914, and continued in this office until his death in 1932, his successor being Dr. B. M. Beattie.

The duties of the Health Board have varied with conditions of the times, but the main actions have always been the maintaining of sanitary health measures concerning the public.

The records of 1893 show considerable controversy about the keeping of hogs within the Borough. With the advent of the sanitary sewer, the abolishing of cesspools and the connecting of houses to the sewer gave rise to a great many problems.

Contagious diseases and their control have always been one of the chief duties of the Health Board.

Other duties are seeing that the milk supply is brought to the consumer in the best possible condition as a palatable, healthful product, free of preservatives or adulterations, issuing of health certificates to those who work or are employed in restaurants, drug stores, hotels, eating-houses, etc., nuisances affecting the public are corrected and the general civic conditions of the city are observed.

A main feature of the Board's activities during 1934 was the enacting of an ordinance prohibiting the display of food stuff on the sidewalks.

During the year 1936, the Chambersburg Health Board through its Health Officer investigated 819 calls, issued 417 Health Certificates to employees in places handling food stuffs within the Borough, cared for 106 common nuisances and granted 9 permits to milk dealers.

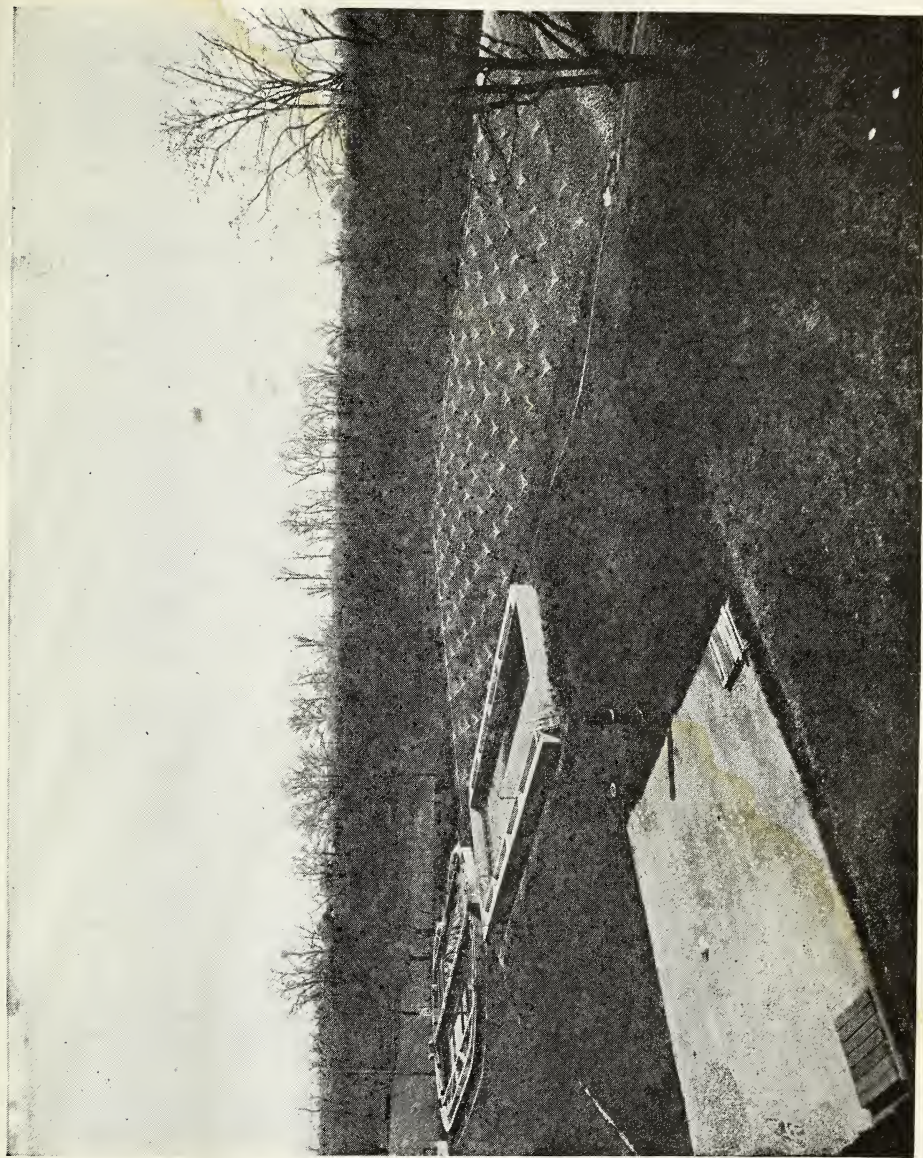
Twenty-two connections were made to the Sanitary Sewer.

Sediment testing of milk was made quarterly and the preservative test made annually.

Anyone whose milk registered unsatisfactory on two successive testings were refused the privilege of selling milk within the Borough for local distribution.

The Board meets the last Monday of each month in regular session with additional special meetings.

The members are Dr. B. M. Beattie, President; Dr. L. H. Seaton, Mr. James C. Clark, Mr. Paul Walker, and Mr. Lester Marshall.



MUNICIPAL SANITARY SEWERAGE DISPOSAL PLANT

HISTORICAL SKETCH OF CHAMBERSBURG SANITARY SEWER DEPARTMENT

When the Borough of Chambersburg decided in 1910 and 1911 to obtain its water supply from the State Forest at Caledonia, it was necessary to obtain a permit from the Pennsylvania State Health Department, and when the State Health Department issued this permit, it granted to Chambersburg the right to the water of Birch Run, but it also provided that, for this right, the Borough of Chambersburg was to install a Sanitary Sewerage System with a proper disposal plant of a capacity sufficient to take care of the town for twenty years to come.

The same Bond Issue, providing funds for the construction of the water supply line between the mountain and Chambersburg, provided also for sufficient bonds to put in a Sanitary Sewerage System in Chambersburg. This system was constructed and was put in service August 1, 1912, and has performed in a very satisfactory manner ever since. Since the initial installation, there has been another Imhoff tank constructed at the disposal plant, as well as two additional sludge filtering beds. As the building operations developed in the town, new laterals have been run, and at the present time the entire system consists of:

LATERALS

18.285 miles	8"
6.175 miles	10"
.263 miles	12"
.23 miles	15"
.074 miles	18"

Total 25.027 miles

TRUNK LINES

238.0 feet	10"
4,432.5 feet	12"
2,138.3 feet	15"
3,099.4 feet	18"
4,014.9 feet	24"
1,631.2 feet	20" x 30" concrete

Total 15,554.3 feet

At the present time there is a total of 147,806.5 feet or 27.99 miles of sewer, 114 Flush tanks, 627 Manholes, and 2,957 buildings are connected with the system.

For many years this plant was considered the model plant of the State of Pennsylvania by the Pennsylvania State Health Department. There are no charges for sewer service rendered by the Borough of Chambersburg, and this is a rather outstanding achievement when you stop to think that charges for sewer service run from \$8.00 to \$36.00 per year in the State of Pennsylvania.

The State Health Department insists on a very high standard of quality for the effluent from the Disposal Plant, and weekly reports are made to the Department showing each day's operation.

During the year 1936, the work in this department consisted of building 600' of 10" lateral sewer on Coldbrook Avenue, 274' of 8" lateral sewer on Alexander Avenue, and 187' of 8" lateral sewer on Pennsylvania Avenue.

The total sewage handled at the Sanitary Sewerage Disposal Plant was 482,112,647 gallons. The total cost for the operation and maintenance of the plant during the year 1936 was \$8,601.25. The average cost for handling the sanitary sewage during 1936 was 1.78 cents per 1,000 gallons.

STATEMENT OF RECEIPTS AND EXPENDITURES OF THE BOROUGH OF CHAMBERSBURG, PENNSYLVANIA, FROM JANUARY 1st, 1936, TO JANUARY 1st, 1937

Receipts

Balance in Treasurer's hands January 1, 1936	\$ 420.57
George H. Bitner, 1936-1937 Tax Duplicate	\$ 6,422.11
George H. Bitner, 1935-1936 Tax Duplicate	376.58
George H. Bitner, 1934-1935 Tax Duplicate	589.15
George H. Bitner, 1933-1934 Tax Duplicate	813.69
George H. Bitner, 1932-1933 Tax Duplicate	10.19
	8,211.72
Licenses, Circus	\$ 40.00
Licenses, Peddler	25.00
Licenses, Beverage	3,087.00
Sewer Permits	47.50
Building Permits	70.00
	3,269.50
Fines, Fred K. Henninger, Justice of the Peace	\$ 50.00
Fines, Charles H. Gillan, Justice of the Peace	22.00
Fines, John S. Gillan, Justice of the Peace	733.00
Fines, W. R. Kieffer, Justice of the Peace	170.00
	975.00
Market Master	241.00
Tax Liens	588.19
Lateral Sewers	1,167.80
Gasoline Tax	708.00
Ambulance Collections	658.60
Pole Tax, W. U. Tel. Co.	15.60
Pole Tax, United Tel. Co.	223.20

Street Paving Liens and Interest	\$	154.91	
Repairs to Streets		390.40	
Sale of Materials		325.43	
Rental of Equipment		88.49	
Resurfacing Private Driveways and Parking Lot		262.47	
Refund, Paving Lien Costs		9.90	
		<hr/>	1,231.60
Commonwealth of Pennsylvania, Fire Insurance Company Tax .			3,664.60
Disposal Plant, sale of scrap			24.18
Tennis Court Lighting			8.70
Insurance Refund			162.31
Repairs to Traffic Signals			21.54
Building Sidewalks, Curbs, and Gutters			475.47
Commonwealth of Pennsylvania (Liquor Fund)			1,462.51
Miscellaneous, General Borough .			168.81
Miscellaneous, Engineering De- partment			2.70
Miscellaneous, Fire Department .			45.95
Miscellaneous, Police Department			40.71
Miscellaneous, Sewer			269.77
Transfer authorized by Council from Light Department to Gen- eral Borough Account			105,000.00
Transfer authorized by Council from Water Department to Gen- eral Borough Account			13,000.00
Treasurer's Account Overdrawn January 1, 1937			3,927.79
		<hr/>	\$145,985.82

Expenditures

Salaries

Clerks and Bookkeeper	\$	3,325.37	
Borough Engineer		2,400.00	
Drafting Department		2,890.17	
Treasurer		200.00	
Borough Attorney		1,200.00	
Burgess		360.00	
Auditors		375.00	
		<hr/>	\$ 10,750.54

Board of Health

Salary	\$	1,500.00	
Supplies		134.26	
Donation to Community Nurse ..		75.00	
		<hr/>	1,709.26

Police Department

Salaries	\$ 13,303.40
Equipment and Supplies	215.18
New Motor Equipment	525.00
Maintenance and Repairs to Motor Equipment	437.88
Uniforms	421.25
Telephone and Telegraph	233.06
Traffic Signs, Signals, and Repairs	591.32
Fuel	102.82
Gas and Oil	362.07
Repairs to Building	17.19
Insurance	11.20
Miscellaneous	161.05

16,381.42

Street Department

Maintenance of Streets:

Patching	\$ 7,810.86
Surface Oiling	9,643.70
Hand Sweeping	2,021.23
Motor Sweeping	912.10
Removal of Snow and Ice	3,568.21
Street Signs	255.99
Labor—Grading Streets	251.75

Maintenance of Alleys:

Patching	3,196.96
Surface Oiling	399.02
Sweeping	430.69
Dust Prevention and Weed Re- moval	598.99
Grading	151.70

Maintenance and Repairs—Storm Sewers:

Cleaning	338.78
Repairs	240.98
Maintenance of Bridges	230.91
Operation, Maintenance, and Repairs to Garage	697.94
Purchase and Repairs of Tools	413.16
Operation and Repairs, Equip- ment	3,078.13

Construction of Streets:

Coldbrook Avenue	1,400.76
Garfield Street	146.40
South Franklin Street	523.23
Federal Street	488.86
Seventh and Garfield Streets ..	754.35
Construction of Alleys	1,378.30

Construction of Storm Sewers:

Fourth Street	756.14	
Franklin Street	1,917.24	
Burkhart Avenue	1,581.00	
Commerce Street	1,512.98	
Office Supplies, etc.	741.47	
Purchase of Equipment	2,366.96	
Street Commissioner's Salary .	1,820.00	
		<hr/>
		\$ 49,628.79

Disposal Plant

Salaries	\$ 968.16	
Office Supplies, Printing, and Postage	77.94	
Labor	2,911.94	
Gasoline	60.18	
Oil, Waste, and Packing	1.40	
Hydrated Lime	657.40	
Lamps	4.38	
Maintenance and Repairs, Buildings and Grounds	300.29	
Maintenance and Repairs, Pumps	609.27	
Maintenance and Repairs, Engine	17.28	
Maintenance and Repairs, Tools and Instruments	20.91	
Maintenance and Repairs, Tanks and Filter Beds	608.84	
Maintenance and Repairs, Sludge Beds	956.60	
		<hr/>
		7,194.59

Sewers

Salaries	\$ 900.00	
Maintenance and Repairs	735.11	
Sewer Inspection	75.12	
Extension of Sewers	1,594.92	
		<hr/>
		3,305.15

Fire Department

No. 1 Friendship:

Driver's Salary	\$ 1,300.00	
Supplies	83.16	
Repairs to Equipment	55.28	
Repairs to Building	6.91	
Telephone	24.00	
Laundry	5.92	
Coal	52.00	
Insurance	67.20	
Gas and Oil	22.00	
Ice	9.85	
Miscellaneous	126.64	
		<hr/>
		1,752.96

No. 2 Junior:

Driver's Salaries	\$ 1,335.00	
Supplies	61.11	
Repairs to Equipment	21.58	
Repairs to Building	389.85	
Telephone	29.19	
Laundry	2.29	
Coal	57.00	
Insurance	134.40	
Gas and Oil	46.65	
Ice	14.65	
New Equipment	5,425.75	
New Hose	687.25	
Miscellaneous	50.86	
	<hr/>	8,255.58

No. 3 Good Will:

Driver's Salary	\$ 1,575.00	
Supplies	34.89	
Repairs to Equipment	421.92	
Repairs to Building	72.38	
Telephone	25.80	
Laundry	15.12	
Coal	75.50	
Insurance	134.40	
Gas and Oil	50.49	
Miscellaneous	86.06	
	<hr/>	2,491.56

No. 4 Franklin:

Driver's Salary	\$ 1,300.00	
Supplies	64.42	
Repairs to Equipment	128.85	
Repairs to Building	460.94	
Telephone	25.80	
Laundry	14.04	
Coal	65.45	
Insurance	134.40	
Gas and Oil	26.36	
Ice	5.95	
Miscellaneous	79.98	
	<hr/>	2,306.19

No. 5 Cumberland Valley:

Driver's Salary	\$ 1,300.00	
Supplies	48.08	
Repairs to Equipment	101.83	
Repairs to Building	2,348.26	
Telephone	25.80	
Laundry	6.96	
Coal	67.00	
Insurance	67.20	
Gas and Oil	16.38	
Ice	3.95	
Miscellaneous	81.70	
	<hr/>	4,067.16

General Fire Department

Maintenance and Repairs to Alarm System	\$ 477.50
State Firemen's Insurance Fund ..	2,354.91
Miscellaneous	10.17
	<hr/>
	2,842.58

Miscellaneous

Office Supplies, Printing, and Postage	\$ 1,381.93
Supplies, Engineering Department ..	458.18
Farm, Maintenance	202.32
City Hall, Maintenance	2,650.92
Maintenance and Repairs, Buildings and Grounds	879.47
Insurance, Fire and Accident	2,846.03
Maintenance and Repairs, Parks and Playgrounds	2,634.12
Purchase and Improvement, Parks and Playgrounds	1,820.93
Premium Surety Bonds	255.00
Recording Liens, etc.	343.30
Coyle Free Library	2,500.00
Maintenance and Repairs to Ambulance	638.20
Investigation Gas Company Rates before Public Service Commission	5,792.60
Telephone	294.00
Maintenance, Comfort Station ..	412.75
W. P. A. Projects:	
Cleaning Creek and Improving Banks	544.00
Side Walks	2,181.58
Surveying and making plans for Airport	92.61
Transportation, C. C. C. Boys ..	22.80
Maintenance of Incinerator ...	360.00
George H. Bitner, Tax Collector's Commission	262.78
Transfer to Borough Fire Fund ..	5,000.00
Telephone Rental, Secretary	27.00
Law Books, Attorney	19.20
Appropriation, Spanish War Veterans and Memorial Day Expenses	75.00
Printing and Postage, Tax Collector	110.00
Dues, Borough Association, 1936 ..	17.00
Expenses, Borough Convention ..	78.95
Fire Insurance, Tax Refund	1,309.69
Concrete Work, Community Progress Administration	270.47
Concrete Work, Benders	195.81
Concrete Work, Kimples	44.80

Concrete Work, Swimming Pool .	84.88		
Sewer Connection, Chambersburg			
Hospital	122.89		
Installation of Lighting System at			
Tennis Courts	192.95		
Labor, Clean Up Week	252.47		
Planting Trees Along Falling			
Spring	76.51		
Purchase of Lots on Vine Street	375.00		
Printing and Compiling Borough			
Ordinances	300.00		
Miscellaneous	173.90		
		35,300.04	
			\$145,985.82

BOROUGH FIRE FUND

January 1, 1936, Balance in Fire			
Fund	\$ 15,897.64		
\$5,000.00 Bonds of Borough of			
Mercersburg	5,100.15		
Transfer from General Borough			
Account	5,000.00		
Interest, Bank Balance	379.81		
Interest, Coupons on Bonds	212.50		
		\$ 26,590.10	
\$5,000.00 Bonds of Borough of			
Mercersburg	\$ 5,100.15		
Balance in Fire Fund Account,			
January 1, 1937	21,489.95		
		26,590.10	

TAX COLLECTOR'S ACCOUNT

	<i>Borough</i>	<i>Bond</i>	<i>Borough</i>	<i>Bond</i>	<i>Total</i>
Dr.					
Duplicate 1928-					
1929 as shown					
by Auditors'					
Report Janu-					
ary 1, 1936 ...					\$ 202.62
Cr.					
January 1, 1937,					
Balance out-					
standing on du-					
plicate jointly					
collected by					
Geo. H. Bitner					
and Paul D.					
Tarner					202.62

Dr.

Duplicate 1931-
1932 as shown
by Auditors'
Report Janu-
ary 1, 1936 ...

\$ 1,395.42 \$ 779.80

Cr.

Balance to be col-
lected January
1, 1937

1,395.42 799.80

Dr.

Duplicate 1932-
1933 as shown
by Auditors'
Report Janu-
ary 1, 1936 ...

897.94 943.09

Cr.

Amount paid
Treasurer by
Geo. H. Bitner

10.19 12.96

Balance to be col-
lected January
1, 1937

\$ 887.75 \$ 930.13

Dr.

Duplicate 1933-
1934 as shown
by Auditors'
Report Janu-
ary 1, 1936 ...

\$ 1,761.24 \$ 1,899.31

Cr.

Amount paid
Treasurer by
Geo. H. Bitner \$
Liens Entered
During 1936 ..
Exonerations al-
lowed by Coun-
cil

813.69 \$ 917.10

680.32 685.81

259.43 259.55 1,753.44 1,862.46

Balance to be col-
lected January
1, 1937

\$ 7.80 \$ 36.85

Dr.

Duplicate 1934-1935 as shown by Auditors' Report January 1, 1936	\$ 2,594.79	\$ 2,631.86
--	-------------	-------------

Cr.

Amount paid Treasurer by Geo. H. Bitner	\$ 589.15	\$ 562.39
---	-----------	-----------

Balance to be collected January 1, 1937	\$ 2,005.64	\$ 2,069.47
---	-------------	-------------

Dr.

Duplicate 1935-1936 as shown by Auditors' Report January 1, 1936	\$ 961.44	\$ 3,099.24
Penalty added 5%	44.29	143.21
	\$ 1,005.73	\$ 3,242.45

Cr.

Amount paid Treasurer by Geo. H. Bitner	\$ 376.58	\$ 1,134.17
---	-----------	-------------

Balance to be collected January 1, 1937	\$ 629.15	\$ 2,108.28
---	-----------	-------------

Dr.

Duplicate 1936-1937	\$ 7,832.26	\$23,508.48
---------------------	-------------	-------------

Cr.

Amount collected to November 1, 1936	\$ 6,400.86	\$19,158.24
Abatement on amount collected to November 1, 1936	336.88	1,008.33
Collected November 1, 1936, to January 1, 1937	21.25	60.64
	\$ 6,758.99	\$20,227.21

Balance to be collected January 1, 1937	\$ 1,073.27	\$ 3,281.27
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SUMMARY TAX DUPLICATE

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Total</i>
January 1, 1937, Duplicate 1928-1929			\$ 202.62	
January 1, 1937, Duplicate 1931-1932	\$ 1,395.42	\$ 779.80		
January 1, 1937, Duplicate 1932-1933	887.75	930.13		
January 1, 1937, Duplicate 1933-1934	7.80	36.85		
January 1, 1937, Duplicate 1934-1935	2,005.64	2,069.47		
January 1, 1937, Duplicate 1935-1936	629.15	2,108.28		
January 1, 1937, Duplicate 1936-1937	1,073.27	3,281.27		
	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 5,999.03	\$ 9,205.80	\$ 202.62	\$15,407.45

STATEMENT BOND DEPARTMENT

Receipts

Balance in hands of Treasurer Janu- ary 1, 1936		\$ 92,976.91	
Tax Duplicate 1932-1933, Geo. H. Bitner	\$ 12.96		
Tax Duplicate 1933-1934, Geo. H. Bitner	917.10		
Tax Duplicate 1934-1935, Geo. H. Bitner	562.39		
Tax Duplicate 1935-1936, Geo. H. Bitner	1,134.17		
Tax Duplicate 1936-1937, Geo. H. Bitner	19,218.88		
	<hr/>		
		21,845.50	
Transfer from Sinking Fund		5,622.25	
P. W. A. Water Construction Fund, project Pa. 1314 R., accrued inter- est from Dec. 21, 1935, to Novem- ber 2, 1936, on \$90,000.00 at 3%		2,332.50	
		<hr/>	\$122,777.16

Expenditures

Bonds, Redeemed	\$ 12,000.00	
Interest Paid (Coupons)	5,587.00	
State Tax	135.22	
Commission Account, Corporate Loan Report (C. E. Fogelsanger)	7.11	
Geo. H. Bitner, Commissions	699.03	
Transferred to P. W. A. Water Construction Fund	90,024.00	
Balance in hands of Treasurer January 1, 1937	14,324.80	
	<hr/>	\$122,777.16

BOND DEPARTMENT—SINKING FUND

January 1, 1936, Balance in Sinking Fund, (Four Banks)	\$9,445.00	
Interest Received (Four Banks)	98.89	
		\$9,543.89
Transfer to Bond Department	\$5,622.25	
Balance in Sinking Fund (Four Banks) January 1, 1937	3,921.64	
		\$9,543.89

TAX LIENS

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Costs and Interest</i>	<i>Total</i>
Balance to be collected January 1, 1936	\$ 2,769.57	\$ 2,091.45	\$ 27.33		\$ 4,888.35
Liens entered during 1936 ..	680.32	685.81		\$ 146.91	1,513.04
	\$ 3,449.89	\$ 2,777.26	\$ 27.33	\$ 146.91	\$ 6,401.39
Amount Collected during 1936 ..	305.54	246.74		146.91	699.19
	\$ 3,144.35	\$ 2,530.52	\$ 27.33		\$ 5,702.20
Exonerated from Penalty	3.99	3.00			6.99
Balance to be collected January 1, 1937	\$ 3,140.36	\$ 2,527.52	\$ 27.33		\$ 5,695.21

LATERAL SEWER ASSESSMENTS

Balance to be collected January 1, 1936	\$ 401.52	
Assessments made in 1936	883.78	
Interest Accrued	10.17	
		\$1,295.47
Collected during 1936	\$ 890.23	
Interest collected in 1936	10.17	
Balance to be collected January 1, 1937	395.07	
		\$1,295.47

LATERAL SEWER LIENS

Balance to be collected January 1, 1936	\$7,512.92	
Interest accrued	75.76	
		\$7,588.68
Collected during 1936	\$ 191.64	
Interest collected in 1936	75.76	
Balance to be collected January 1, 1937	7,321.28	
		\$7,588.68

PAVING LIENS

Balance to be collected January 1, 1936	\$3,288.05	
Interest Accrued	44.25	
	<hr/>	\$3,332.30
Collected during 1936	\$ 109.27	
Interest collected	45.64	
Balance to be collected January 1, 1937	3,177.39	
	<hr/>	\$3,332.30

HARRY R. GEARHART,
PAUL N. GEYER,
ALBERT S. HENNEBERGER,
Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG WATER DEPARTMENT

The first attempt made to furnish water, under pressure, to the citizens of Chambersburg, was made by the Chambersburg Water Company, of which Mr. James Riddle was President, in 1817. This company furnished water, under pressure, through a wooden pipe system, which consisted simply of pine logs with suitable hole bored through them from end to end and the logs fastened together end to end. Water was furnished until 1875 or 1876. The pump for this system was located on the South side of the Falling Spring at a point almost directly in line with the buildings of the Chambersburg Hospital and the dwelling house on the farm now owned by Mr. T. B. Wood, and was driven by a water wheel. The reservoir was located where the present buildings of the Chambersburg Hospital now stand, and during the construction of the new portion of the Hospital, traces of the old reservoir structure were uncovered, and some of the old wooden pipe was dug up. The pressure under which this water was furnished must have, of necessity, been quite low, and the old records show that the system, as a whole, was not satisfactory.

On March 1, 1875, the following men were elected to the Chambersburg Town Council: W. B. Gilmore, Jacob H. Miller, Samuel M. Worley, J. P. Culbertson, John C. Gerbig, John Suesserote, Thomas Cook, and David Harmony with G. W. Nitterhouse as Burgess. On July 17, 1875, this body took action setting Friday, August 20, 1875, as an election day for voting on a bond issue not to exceed \$60,000.00, for the purpose of erecting a suitable water works. This election was duly held, and the official count reported at a special meeting of Council held August 21, 1875, was as follows:

In favor of the Bond Issue	648
Not in favor of the Bond Issue	317

This was the beginning of the Borough of Chambersburg entering into the business of supplying water to its citizens.

Bids were received for the necessary equipment on September 25, 1875, and the contract was awarded to H. P. M. Birkenbine at a price

of \$53,850.00, which covered a one million gallon pump, boiler, one million gallon reservoir, 28 fire plugs, 5,400 feet of 10 inch pipe, 1,750 feet of 8 inch pipe, 7,693 feet of 6 inch pipe, and 18,500 feet of 4 inch pipe, or a total of 6.3 miles of pipe. It is a matter of some interest to note that all of this old pipe and some of the old Birkenbine fire plugs are still in service in Chambersburg today.

This action on the part of the Borough was contested by the Chambersburg Water Company, but, in the end, all of the actions of Council were upheld by the Courts.

This first pumping plant, a steam operated one, was located on the West Bank of the Conococheague Creek almost directly opposite the foundry of the Wolf Company, and has always been known locally as the Birkenbine Pumping Plant. In 1891, a water driven pumping plant was installed at the C. B. Gish mill, afterward known as Siloam, and another reservoir constructed with a capacity of 2,000,000 gallons, on the farm of Joseph Horst. A 2,000,000 gallon steam pumping plant is held in readiness to operate at Siloam and can be placed in service in 10 hours in an emergency.

In 1910 and 1911, the Conococheague Creek at Siloam, as a source of water supply was abandoned by the Borough, and a supply brought in by gravity from the State Forest at Caledonia. This was a vast improvement over any of the other supplies that the Borough of Chambersburg had been using, but the last three years drought brought very forcibly to the attention of the authorities that the supply might under certain conditions, become quite inadequate. To guard against any shortage of water that might possibly occur, the Borough of Chambersburg proceeded to build a storage dam, at Caledonia across the Birch Run Valley, which will hold 387,000,000 gallons of water. This dam will be held entirely full at all times for emergency purposes, and will supply the town, when using 2,000,000 gallons of water per day, for 193 days if there was not a drop of water flowing into the dam in all that time.

As the growth of the town made necessary the extending of the original distributing system, false economy added mains that were much too small, and the result of this practice was that there were three very low pressure areas in the town. One of these low pressure areas was in the extreme Southern end of town, another in the extreme Western end, and another in the extreme Northern end. To correct this very serious condition, in 1932 a 12-inch feeder main was laid from a point immediately East of the Borough Limits to the intersection of Scotland Avenue and Pennsylvania Avenue, and a 10-inch feeder main was laid from this point to Philadelphia Avenue and Pennsylvania Avenue, a total distance of approximately 11,769 feet, at a total cost of \$33,511.00.

In 1933 a similar feeder main was laid from the same point at the Eastern edge of town to Wayne Avenue and South Fourth Street, and an 8-inch feeder main was laid from South Fourth and McKinley Streets to Central Avenue and McKinley Street. This was a total length of feeder mains of 9,700 feet and cost \$24,500.00.

The major activity in this department during 1936, was the construction of a duplicate feeder line of 16" and 14" cast iron, cement lined, pipe between the Borough of Chambersburg and the intake on Birch Run. The estimated cost of this line was \$225,546.00, and an outright money grant of \$101,496.00 was received from the Federal Emergency Administration of Public Works as a contribution toward this work. The engineers started to lay out the new line on March 7, 1936, and construction work was completed November 1, 1936. Throughout the construction

of the line each section was tested at 200 or 250 pounds, depending on the class of pipe built into the line, and after the entire line was completed, leakage tests were conducted to determine the leakage of the entire line under operating conditions. The total leakage was .167 gallons per foot of joint per twenty-four hours. Considering the fact that two gallons per foot of joint per twenty-four hours is considered excellent, it is at once apparent that this new line is a remarkably tight line. The jointing material used on this line was one of the patented jointing compounds which possesses the very desirable characteristic of becoming tighter the longer it is in service. During the summer months, when there was but one feeder line from the mountain to Chambersburg, the recorded pressures in the meter testing plant at the City Office Building would fall as low as 18 or 20 pounds, when peak demands were on. With the new line working with the old line, the pressures at the time of maximum demand were raised to 65 and 70 pounds. The total capacity of the single line was 2,225,000 gallons in twenty-four hours, discharging at a residual pressure of 40 pounds per square inch. With the two lines in service, the total capacity will be between five and six million gallons under a residual pressure of 40 pounds. The Borough of Chambersburg has always been penalized on Insurance Rates, because of the low working pressure of its Water System, and immediately on the completion of the new line, and throwing it into service, the Borough Authorities asked for a resurvey of the Fire Defense Deficiencies, in order to have the Fire Defense Deficiency charges reduced. The engineers of the National Board of Fire Apparatus are at the present time engaged in making the necessary surveys and tests, and undoubtedly, a very substantial reduction will be made in the Fire Defense Deficiency charges, thus saving many thousands of dollars to the citizens of Chambersburg each year.

The estimated cost of the new Water Supply Line was \$225,546.00 and, while all the crop and land damage claims have not been paid at the present time, it would appear that the entire cost of the line will be five or six thousand dollars less than the original estimated amount.

The building of this duplicate line, from the intake on Birch Run to the Borough of Chambersburg, has been another step in the direction of a perfect Municipal Water Supply. The only other thing remaining to be done to make this a perfect water supply is the erection of a suitable Filtering Plant in the neighborhood of Caledonia.

The leaks at the new impounding dam in the South Mountain on December 31, 1936, were running at the rate of 784,078 gallons in twenty-four hours, as against 829,440 gallons on December 31, 1935. There has been little or no change in the amount of leakage over the last three years.

The total revenues in this Department for 1936 were \$55,240.81, and the total operating and non-operating expenses were \$26,206.59, including depreciation amounting to \$8,337.12, which leaves a total net profit, exclusive of interest charges, of \$29,034.22.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this Department, after the making of a complete appraisal. The Reproduction Value New, less accrued depreciation, as of December 31, 1936, is \$919,481.00.



387,000,000 GALLON IMPOUNDING RESERVOIR

PHYSICAL DATA OF BOROUGH OF CHAMBERSBURG WATER DEPARTMENT

JANUARY 1, 1937

Population of Borough	14,000
Area of Water Shed	17.75 Square Miles
Elevation of Impounding Reservoir	1091.75 Feet above Sea Level
Elevation of Intake Dam	975 Feet above Sea Level
Elevation of Dull Hill Reservoir	801 Feet above Sea Level
Elevation of Horst Reservoir	712 Feet above Sea Level
Elevation of Reservoir Hill Reservoir	707 Feet above Sea Level
Elevation of Memorial Square	615 Feet above Sea Level
Total Head from Intake to Town	360 Feet

Present 24 Hour Capacity from Micheaux State Forest
by Gravity with 40 Pounds Average Pressure in
Chambersburg 5,500,000 Gallons

Emergency Steam Operated Plant at
Siloam, Capacity 2,500,000 Gallons in 24 Hours

Storage Capacity of Impounding Reservoir	387,000,000 Gallons
Storage Capacity of Dull Hill Reservoir	2,200,000 Gallons
Storage Capacity of Horst Reservoir	2,000,000 Gallons
Storage Capacity of Reservoir Hill Reservoir	1,000,000 Gallons
Storage Capacity of Stand Pipe	55,000 Gallons
Total Storage Capacity	392,255,000 Gallons
Days Supply @ 1,811,273 G. P. D. if no water came from Mountain ..	2.9

Days Supply @ 1,811,273 G. P. D. in Impounding Reservoir 213.66
Total Days Supply Stored @ 1,811,273 G. P. D. 216.56

Miles of Mains in Borough Limits

14 Inch	0.42 Miles	4 Inch	11.65 Miles
12 Inch	2.53 Miles	2 Inch	0.65 Miles
10 Inch	4.05 Miles	1½ Inch	0.18 Miles
8 Inch	4.16 Miles	1 Inch	0.37 Miles
6 Inch	11.78 Miles		

Total of all Mains in Borough Limits 35.79 Miles

Miles of Mains outside Borough Limits

16 Inch	2.43 Miles	6 Inch	1.03 Miles
14 Inch	17.81 Miles	4 Inch .....	.09 Miles
12 Inch	1.29 Miles		

Total of all Mains outside Borough Limits 22.65 Miles

Total of all Mains inside and outside Borough Limits 58.44 Miles

Total Number of Fire Hydrants on System 215

Total Number of Sewer Flush Tanks on System 114

Active Services

8 Inch	5	1½ Inch	20
6 Inch	10	1¼ Inch	30
4 Inch	23	1 Inch	216

3 Inch	4	¾ Inch	3,015
2½ Inch	1	½ Inch	93
2 Inch	33		

Total of all Active Services 3,450

Inactive Services

2 Inch	4	¾ Inch	77
1 Inch	12	½ Inch	2

Total of all Inactive Services 95

Total of Active and Inactive Services 3,545

Valves inside Borough Limits 575

Valves outside Borough Limits 80

Total Valves in System 655

Number of Domestic Consumers inside Borough Limits 3,182

Number of Domestic Consumers outside Borough Limits 165

Total Number of Domestic Consumers 3,347

Number of Industrial Consumers 41

Number of Railroad Consumers 4

Number of Public Consumers 39

Number of Free Consumers 29

Total Number of Metered Consumers—Active 3,460

Meters on System January 1, 1937

8 Inch	4	1½ Inch	26
6 Inch	6	1¼ Inch	2
4 Inch	14	1 Inch	29
3 Inch	12	¾ Inch	93
2 Inch	23	½ Inch	3,251

Total Number of Meters on System 3,460

Data for Year 1936

Total Cubic Feet Registered by Master Meter 88,390,133

Total Cubic Feet Furnished Domestic Consumers 27,423,005

Total Cubic Feet Furnished Industrial Consumers 22,434,699

Total Cubic Feet Furnished Railroad Consumers 7,923,860

Total Cubic Feet Furnished Public Consumers 4,146,484

Total Cubic Feet Furnished Free Consumers 3,888,332

Estimated Total Cubic Feet Furnished for Fire, Flushing

Streets, Sewers, Trenches, Fire Hydrants, and Sewer

Flush Tanks 5,124,000

Total Cubic Feet Accounted for 70,940,380

Total Cubic Feet Lost between Master Meter and Consumer . 17,449,753

Percentage Lost between Master Meter and Consumer 19.7%

50% of Loss is in Mains 8,724,877

45% of Loss is in Service Pipes 7,852,389

5% of Loss is due to under-registration of Meters 872,487

Average Cubic Feet Registered by Master Meter per Day .. 241,503

Average Cubic Feet Used by Consumers per Day 193,826

Average Cubic Feet Unaccounted for per Day 47,677

Average Gallons Registered by Master Meter per Day	1,811,273
Average Gallons per Day per Domestic Consumer	168
Average Gallons per Day per Industrial Consumer	11,213
Average Gallons per Day per Railroad Consumer	40,593
Average Gallons per Day per Public Consumer	2,179
Average Gallons per Day per Free Consumer	2,747
Estimated Average Gallons Used per Day for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	105,000
Average Gallons per Day Used for all Purposes	1,453,696
Average Gallons per Day Unaccounted for	357,577
Average Gallons per Capita per Day Domestic	40.1
Average Gallons per Capita per Day Industrial	32.8
Average Gallons per Capita per Day Railroad	11.6
Average Gallons per Capita per Day Public	6.1
Average Gallons per Capita per Day Free	5.7
Average Gallons per Capita per Day Flushing Fire Hy- drants, etc.	7.5
Total Average Gallons per Capita per Day Consumption	103.8
Received from Water Sale for Domestic Purposes Inside Borough	\$30,235.64
Received from Water Sale for Domestic Purposes Outside Borough	2,935.16
Total Received from Water Sale for Domestic Purposes ...	33,170.80
Total Received from Water Sale for Industrial Purposes ...	10,718.34
Total Received from Water Sale for Railroad Purposes	2,556.84
Total Received from Water Sale for Public Purposes	2,133.01
Total Received from Sale of Meters, Cocks, and Accessories .	3,616.66
Total Received from All Sources	52,195.65
Total Credits for Water Furnished Free Consumers and other Borough Departments	7,699.24
Total Receipts and Credits	59,894.89
Cash Receipts from Water Sale for All Purposes 1936	48,578.99
Cash Receipts from Water Sale for All Purposes 1935	44,141.43
Increase in Receipts from Water Sale for the Year	4,437.56
Cash Receipts from Sale of Meters, Cocks, and Accessories 1936	3,616.66
Cash Receipts from Sale of Meters, Cocks, and Accessories 1935	3,156.63
Increase in Receipts from Sale of Meters, etc., for the Year ..	460.03
Average Received per 1,000 Cubic Feet from Domestic, In- cluding Minimum Charges	1.21
Average Received per 1,000 Gallons from Domestic, Includ- ing Minimum Charges .....	.16
Average Received per 1,000 Cubic Feet from Industrial, In- cluding Minimum Charges .....	.48
Average Received per 1,000 Gallons from Industrial, Includ- ing Minimum Charges .....	.06
Average Received per 1,000 Cubic Feet from Railroads, In- cluding Minimum Charges .....	.32
Average Received per 1,000 Gallons from Railroads, Includ- ing Minimum Charges .....	.04
Average Received per 1,000 Cubic Feet from Public, Includ- ing Minimum Charges .....	.51

Average Received per 1,000 Gallons from Public, Including Minimum Charges .....	.07
Average Received per Quarter per Domestic Inside Borough	2.38
Average Received per Quarter per Domestic Outside Borough	4.45
Average Received per Quarter per Public Consumer	13.67
Average Received per Month per Industrial Consumer	21.79
Average Received per Month per Railroad Consumer	53.27
Received from Water Sale per Mile of Main Inside Borough	1,275.32
Received from Water Sale per Mile of Main Outside Borough	129.58
Received from Water Sale per Mile of Main Inside and Outside Borough Limits	831.26
Total Lost in Bad Accounts, 1936	0.00
Percent Lost in Bad Accounts, 1936	0.00
Receipts and Credits for 1935	55,957.00
Receipts and Credits for 1936	59,895.00
Increase for the Year	3,938.00

RATES FOR WATER

Within Borough Limits

	Rate per 1,000 Cu. Ft.
First 20,000 Cu. Ft. used per Month	\$1.00
Next 400,000 Cu. Ft. used per Month	0.30
All over 420,000 Cu. Ft. used per Month	0.28

Minimum Charges

Single houses, or dwelling, shall pay a Minimum Charge of \$1.50 per Quarter.

Double houses served by one meter shall pay a Minimum Charge of \$3.00 per Quarter.

Industries and Railroads shall pay a Minimum Charge of \$0.50 per Month for each and every service.

All Charges are payable net on, or before, the 25th of the Month following the end of the Month or Quarter. If not paid on, or before the 25th of the Month following the end of the Month or Quarter, a penalty of five (5%) per cent shall be added.

If bills are not paid on, or before, the 30th, of the Month following the Month or Quarter for which the bill was rendered, the water will be turned off.

Outside of Borough Limits

Per Thousand Cubic Feet	\$2.50
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Minimum Charges

Single houses outside of the Borough—\$2.35 per Quarter.

Double houses outside of the Borough— 4.70 per Quarter.

The same regulations shall apply, and the same penalties shall be inflicted for non-payment as provided for within the Borough.

**BALANCE SHEET
WATER DEPARTMENT**

Assets

Fixed Capital

Fixed Capital Installed	\$1,041,585.86	
Construction Work in Progress	207,406.16	
	<hr/>	\$1,248,992.02

Current Assets

Cash (Borough Treasurer's Account)	\$ 11,992.94	
Accounts Receivable from Consumers	10,042.14	
Materials and Supplies	4,674.84	
Cash (Borough Treasurer's Account) P. W. A. Construction Fund	5,937.67	
	<hr/>	32,647.59
Total Assets		<hr/> \$1,281,639.61

Liabilities

Municipal Ownership

Net Worth Water Department, December 31, 1936 .	\$ 808,453.81
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Funded Debt

Bonds 4½ % Serial Bonds ..	160,000.00
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Current Liabilities

Assessments for Line Construction	\$ 9,351.86	
Advance from Electric Light Department	88,050.35	
	<hr/>	97,402.21

Accrued Liabilities

Unmatured interest accrued on Unfunded Debt	625.82
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Reserves

Reserve for Renewals and Replacements	122,104.19
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Surplus

Unappropriated Surplus	93,053.58	
Total Liabilities	<hr/>	\$1,281,639.61

RECAPITULATION OF NET WORTH

Net Investment, December 31, 1935	\$ 742,544.21
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Additions

Contributions from U. S. Treasury (Water Con- struction Funds)	78,909.60
Total	\$ 821,453.81

Deductions

Contributions to General Borough	13,000.00
Balance	\$ 808,453.81
Earned Surplus, December 31, 1936	93,053.58
Net Worth, December 31, 1936	\$ 901,507.39

REVENUE AND EXPENSE STATEMENT

WATER DEPARTMENT

Operating Revenues

Metered Domestic Sales ...	\$ 30,726.46	
Metered Commercial Sales .	5,865.34	
Metered Industrial Sales ...	13,387.99	
Metered Public Sales	2,848.79	
Sales for Private Fire Pro- tection	63.93	
Consumers' Discounts For- feited and Penalties Im- posed	95.60	
Total Operating Revenues ..		\$ 52,988.11

Operating Expenses

Water Collection System:

Operating Labor	\$ 368.18	
Maintenance	1,800.17	
Total		\$ 2,168.35

Purification System:

Operating Labor	\$ 727.63	
Supplies and Expenses ...	1,225.91	
Maintenance	6.72	
Total		1,960.26

Pumping System:

Maintenance	96.91	
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Distribution System:

Operating Labor (General) \$	1,188.02	
Operating Labor (Reser- voir)	452.54	

Maintenance of Mains and Pipes	1,047.44	
Maintenance, Storage Reservoirs, etc.	82.23	
Maintenance, Meters, Vaults, etc.	512.13	
Maintenance, Other Distribution Property	523.28	
Total	<u> </u>	\$ 3,805.64

General Expenses

Office Salaries	\$ 4,840.39	
Salaries of Meter Readers ..	803.84	
Office Supplies and Expenses	257.74	
Other General Property Expenses	489.60	
Taxes and Annual Lease with State of Pennsylvania	700.10	
Other General Expenses	20.70	
Insurance	227.02	
Maintenance of General Properties	584.46	
Depreciation	8,337.12	
Total	<u> </u>	16,260.97
Total Operating Expenses ..		<u> </u> \$ 24,292.13

INCOME STATEMENT

WATER DEPARTMENT

Operating Revenues	\$ 52,988.11
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Operating Expenses

Water Collection System ...	\$ 2,168.35	
Purification System	1,960.26	
Pumping System	96.91	
Distribution System	3,805.64	
General Operating Expenses	16,260.97	
Total Operating Expenses	<u> </u>	24,292.13

Net Operating Income		\$ 28,695.98
Non Operating Revenues ...	\$ 2,252.70	
Non Operating Expenses ...	1,914.46	
Net Non Operating Income .	<u> </u>	338.24
Total Net Income		<u> </u> \$ 29,034.22

Net Income Deductions

Interest	\$ 2,393.29	
Free Water to Borough	2,386.74	
	<u> </u>	4,780.03
Balance of Net Income		<u> </u> \$ 24,254.19

ANALYSIS OF FIXED CAPITAL WATER DEPARTMENT

	Balance Jan. 1, 1936	Additions 1936	Balance Dec. 31, 1936
Organization	\$ 11,024.28		\$ 11,024.28
Siloam Property	4,595.00		4,595.00
Water Collection System, Right of Way	3,143.00		3,143.00
Water Collection System, Diversion Rights	40,400.00		40,400.00
Water Collection System, Impounding Reservoirs ..	141,477.66		141,477.66
Water Collection System, Collecting Reservoirs and Intakes	51,084.39		51,084.39
Water Collection System, Aqueducts and Supply Mains	190,566.53		190,566.53
Purification System, Chemi- cal Treatment Plant	2,777.73	\$ 21.90	2,799.63
Purification System, Testing Equipment	31.50		31.50
Pumping System Structures	5,208.85		5,208.85
Pumping System, Pumps, etc.	12,469.80		12,469.80
Distribution System, Right of Ways	404.00		404.00
Distribution System, Storage Reservoirs, etc.	11,994.02		11,994.02
Distribution System, Mains .	380,010.40	30.06	379,980.34
Distribution System, Fire Hydrants	23,036.66	161.58	23,198.24
Distribution System, Foun- tains	11,107.75		11,107.75
Other General Structures ..	3,329.00		3,329.00
General Office Equipment ..	644.81		644.81
Other General Equipment ..	4,924.83	632.50	5,557.33
Engineering and Superin- tendence During Construc- tion	33,566.50		33,566.50
Other Undistributed Con- struction Expenses	11,024.28		11,024.28
Interest During Construction	34,065.04		34,065.04
Development Cost	63,913.91		63,913.91
Totals	\$1,040,799.94	\$ 785.92	\$1,041,585.86

WATER DEPARTMENT—CREDIT ACCOUNTS 1936

Metered Water, Light Plant	\$ 624.01
Metered Water, Fire Houses	68.61
Market House, Meter Room and Police Headquarters .	159.93
Memorial Fountains	306.57
Bubbler	17.66

Comfort Station	214.36	
Borough Farm	11.22	
Disposal Plant	28.63	
Borough Garage	10.13	
Parks and Playgrounds	38.86	
East Queen, Lincoln Way		
East and South Fourth		
Street Properties	18.00	
		\$ 1,497.98

Free Water Per Agreement

Penn Hall Farm	\$ 361.60	
Kennedy Farm	11.64	
Children's Home (75%)	52.05	
Hospital (75%)	455.72	
Salvation Army (75%)	7.75	
		888.76
		\$ 2,386.74

Free Unmetered Water Furnished the Following in 1936

213 Fire Hydrants at \$15.00		
plus 2 added during year .	\$ 3,217.50	
Sewer Flush Tanks (114) ..	1,320.00	
Flushing Storm Sewers and		
Street Work	750.00	
Road Roller and Street		
Sweeper	25.00	
		\$ 5,312.50

WATER ASSESSMENTS

Assessments made in 1936 .	\$ 208.54	\$ 208.54
Collected during 1936	\$ 102.46	
Assessments entered	106.08	
		\$ 208.54

WATER LIENS

Balance to be collected Janu-		
ary 1, 1936	\$ 2,188.19	
Interest Accrued	111.78	
Liens Entered During 1936 .	106.08	
		\$ 2,406.05
Liens Entered During 1936 .	\$ 242.26	
Interest Collected During		
1936	114.43	
Balance to be collected Janu-		
ary 1, 1937	2,049.36	
		\$ 2,406.05

HARRY R. GEARHART,
PAUL N. GEYER,
ALBERT S. HENNEBERGER,
Auditors.



MUNICIPAL ELECTRIC LIGHT PLANT

HISTORICAL SKETCH OF CHAMBERSBURG ELECTRIC LIGHT DEPARTMENT

On August 29, 1874, the following named persons applied for a Charter to furnish electric current for lighting in the Borough of Chambersburg, under the name of "The Franklin Electric Company":

James McKnight and Agent
B. Frank Gilmore
William McKnight
J. Spoonhour
William Nixon
William Sellers
M. A. Foltz
C. H. Fulwiler

B. M. Nead
Van T. Haulman
Samuel L. Hawbaker
W. Lynn Ritchey
George A. Britsch
D. Alonza Orr
William Orr
John Hart

John A. Orr

The stock in this Company was stated at \$25.00 a share, but just how much stock was issued is not a matter of record.

There is some doubt as to the year this company started to furnish current in Chambersburg, but that it was in business in Chambersburg has been established beyond question. How extensive their business was at that time it is now impossible to state.

The plant consisted of a belt driven generator using a steam traction engine as power, and the equipment was located in the old brick and weather-board building known as the "Ebersole Building," which stood immediately on the West bank of the Conococheague Creek on the South side of Lincoln Way West, and which has just recently been demolished by the Western Maryland Railway Company. This was the first electric plant that was ever operated in Chambersburg, and certainly could not have stayed in business very long. Some of the citizens of Chambersburg remember distinctly seeing these electric lamps suspended above the streets and at that time were impressed with the fact that they did not blow out when the wind blew.

In the year 1883 there was constructed, in the shops of the Cumberland Valley Railroad Company, a portable electric light plant which consisted of boiler, steam engine, and one arc lamp generator with a capacity of fifteen 2,000 candle-power open arc lamps. This car operated successfully under the supervision of Charles S. Hull from the very beginning, and in 1884 lighted arc lamps around the Public square for the Centennial, and this same year lighted the grounds for a baseball game which was played at night. This game was played in a field lying East of Third Street and South of King, just about where the Byer Brothers' Green House is located at the present time.

In 1889 this portable electric light plant was rebuilt, under the supervision of Mr. Hull, for a capacity of forty 2,000 candle-power open arc lamps. This plant was frequently used for the lighting of important construction work along the Cumberland Valley Railroad, as well as the lighting of serious wrecks. It was also used for the lighting of the Granger's Picnic Ground at Williams Grove, and many of us recall the lighting of the Mt. Alto Park Grounds. Mr. Hull was a mechanical genius, and one of the beautiful things he created, with this car and an arc lamp, was a fountain which sprayed steam of different colors up above the car roof. Mr. Charles S. Hull will be remembered as a kindly old gentleman, and one of the first to take up seriously the possibility of electric lighting in this section.

On November 29, 1889, after a vote had been taken by the citizens of Chambersburg to increase the indebtedness of the Borough by an amount not exceeding \$10,000.00 for the purpose of installing an Electric Light Plant to light the streets of the Borough, a contract was placed for the necessary electrical equipment with the Thompson-Houston Electric Light Company at a price of \$9,797.50. This plant was installed solely for furnishing lighting for the streets of the town. The plant was operated from dark in the evenings until twelve o'clock midnight, except on moonlight nights when it was not operated at all.

In 1893, the Borough went into the commercial phase of furnishing current to consumers. It was a far step from this first plant to the present up-to-date efficient plant, and the citizens of Chambersburg are certainly to be congratulated on having had sufficient intelligence to keep this valuable utility for their very own.

This utility was affected by the depression to a greater extent than any other of the Borough's utilities. It will be noted that from 1929 up until 1934, there was a very marked falling off in the output from the plant. Beginning with 1934, however, the output from the plant commenced to increase, and the maximum annual output that the plant has ever experienced occurred in 1936, during which year the total distributed to consumers was 9,439,105 K. W. H. This is an increase over the year 1935 of 1,512,728 K. W. H.

OUTPUT

1929—	6,460,592	kilowatt-hours	output.
1930—	6,420,232	kilowatt-hours	output.
1931—	6,206,845	kilowatt-hours	output.
1932—	5,876,722	kilowatt-hours	output.
1933—	6,285,080	kilowatt-hours	output.
1934—	7,253,250	kilowatt-hours	output.
1935—	7,926,377	kilowatt-hours	output.
1936—	9,439,105	kilowatt-hours	output.

During the year 1936, the peak demand on the plant was 2,700 kilowatts, which is 200 kilowatts above the capacity of the largest generator in the plant. The peak load on the plant for the year 1937, will undoubtedly be much higher than 2,700 kilowatts, on account of the fact that several of the larger industries are at the present time making rather extensive improvements in their plants, which will take considerable additional power, and two other industries are making additions to their plants, which will also require additional power. In addition to the aforementioned, a very large Ice and Cold Storage Plant is being constructed within the Borough, which will eventually require approximately 250 kilowatts. With these developments in mind, it was thought, by the Borough Authorities, than an additional 2,500 kilowatt generating unit, including condensers, should be installed. During the last 15 years, the development of the plant has gotten to the point where very radical changes will have to be made in switch board, buss bars, and switch gear. It was felt that these additions and improvements should be started immediately in order that advantage might be taken of the money grants available from the Federal Emergency Administration of Public Works, whose policy has been to contribute 45% of the actual cost of such work. Application was made to the Federal Emergency Administration of Public Works on February 23, 1937, for a money grant in the amount of

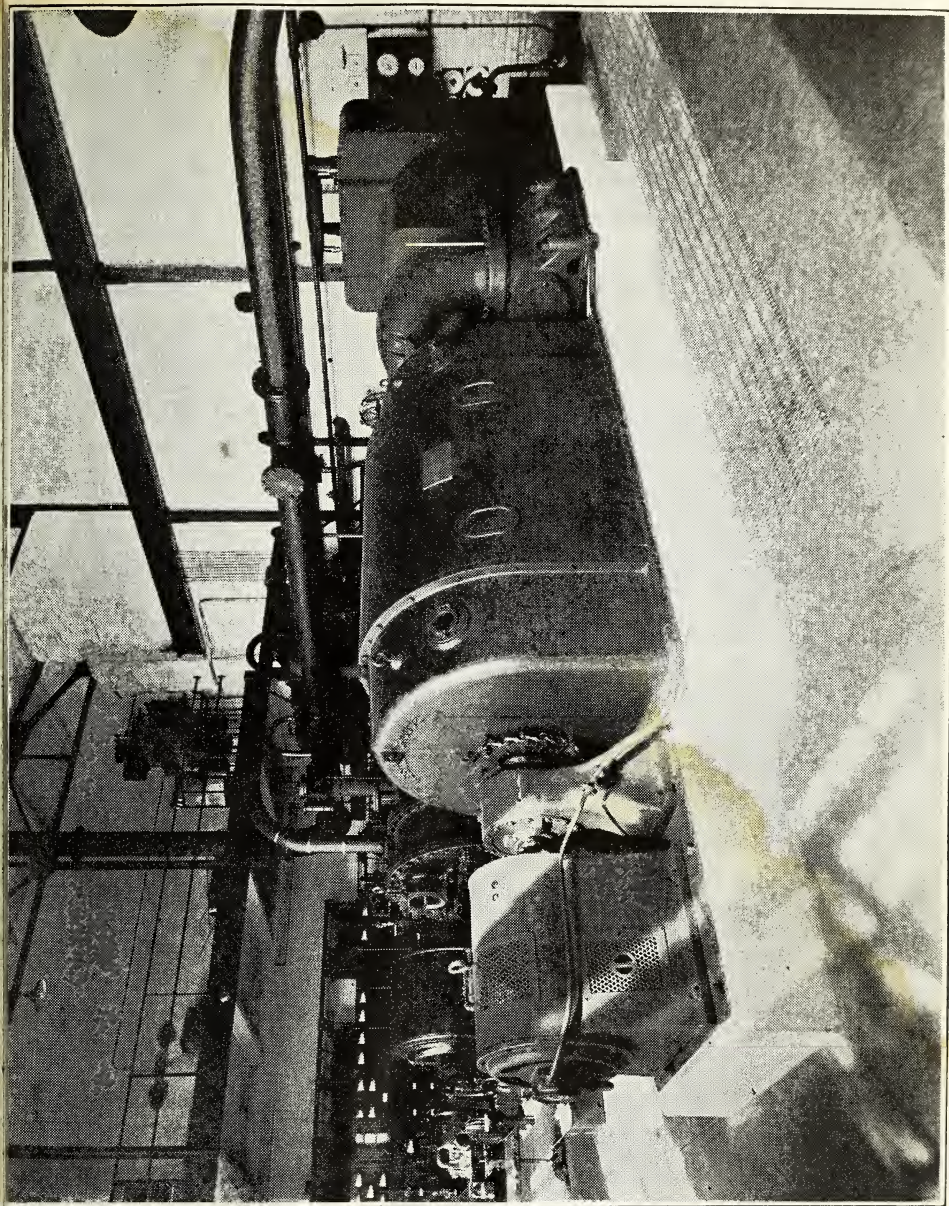
\$79,641.00, or 45% of the total estimated cost of the work, amounting to \$176,980.00. With the addition of this new 2,500 kilowatt unit, the total generating capacity of the plant will be brought up to 6,000 kilowatts.

The total revenues in this Department for 1936 were \$290,569.64, and the total operating and non-operating expenses were \$104,704.34, including \$26,251.26 for depreciation, leaving a total net profit of \$185,865.30.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this department, which involved the making of an appraisal. The Reproduction Value New, less accrued depreciation, as of December 31, 1936, was \$532,207.60.

PHYSICAL DATA ON BOROUGH OF CHAMBERSBURG—ELECTRIC LIGHT DEPARTMENT—1936

Population of Chambersburg—1936	14,000
Number of Light and Power Consumers	4,520
K. W. Hrs. Generated	9,959,205
K. W. Hrs. Used by Station Auxiliaries	520,100
K. W. Hrs. Available for Distribution	9,439,105
K. W. Hrs. Increase over 1935	1,512,728
K. W. Hrs. Furnished to Street Arc Lamps	244,800
K. W. Hrs. Furnished to Street Incandescent Lamps	274,537
K. W. Hrs. Furnished to Disposal Plant	80,633
K. W. Hrs. Furnished to Fire Department	20,648
K. W. Hrs. Furnished to Office Building	14,502
K. W. Hrs. Furnished to Police Headquarters	3,982
K. W. Hrs. Furnished to Street Department	2,372
K. W. Hrs. Furnished to Wood Choppers	561
K. W. Hrs. Furnished to Public Comfort Station	4,059
K. W. Hrs. Furnished to Christmas Tree	729
K. W. Hrs. Furnished to Traffic Signals	13,513
K. W. Hrs. Furnished to Friendship Christmas Lights	272
K. W. Hrs. Furnished Friendship Block Party, Turkey Raffle ..	218
K. W. Hrs. Furnished Good Will Block Party	430
K. W. Hrs. Furnished Franklin Block Party	101
K. W. Hrs. Furnished Franklin Christmas Lights	545
K. W. Hrs. Furnished C. V. Block Party	192
K. W. Hrs. Furnished Buchanan Playground Festival	27
K. W. Hrs. Furnished Broad Street Playground Festival ..	5
K. W. Hrs. Furnished Henninger Field	250
K. W. Hrs. Furnished for Light Plant—Fire Alarm Battery ..	605
K. W. Hrs. Furnished for Light Plant—Storage Shed	10
K. W. Hrs. Furnished for Fifth Ward Playground	21
K. W. Hrs. Furnished for Stevens Playground Festival ...	16
K. W. Hrs. Furnished Community Christmas Carol Singing and Hallowe'en Parade	6
K. W. Hrs. Furnished to Residential Light Consumers	1,717,426
K. W. Hrs. Furnished to Commercial Light Consumers ...	1,525,553
K. W. Hrs. Furnished to Power Consumers	4,887,811
Total K. W. Hrs. Sold to all Consumers	8,130,790



NEW 2500 K. W. TURBO-GENERATOR

K. W. Hrs. Furnished Free	663,034
Total K. W. Hrs. Sold or Furnished Free	8,793,824
Total K. W. Hrs. Lost in Distribution	645,281
Percent Lost in Distribution	7.02%
Total Number of Active Residential Consumers — January 1, 1937	3,567
Total Number of Active Commercial Light Consumers — January 1, 1937	728
Total Number of Active Power Consumers — January 1, 1937	225
Total Number of All Active Consumers	4,520
Amount Paid by Residential Light Consumers	\$ 84,664.14
Amount Paid by Commercial Light Consumers	67,133.83
Amount Paid by Power Consumers	85,379.50
Total Paid by All Consumers	\$ 237,177.47
Amount Received from Sale of Lamps, Miscellaneous	3,718.89
Amount Received from Jobbing Work	379.48
Amount Received from Penalties Imposed	170.07
Amount Received from Interest on Consumers' Deposits ..	398.16
Amount Received from Material Returned	25.89
Amount Received from Non-Operating Revenue	22.35
Total Cash Received from All Sources	241,892.31
Credit for Light, Power, Supplies Furnished other Departments Free	36,454.38
Total Operating Revenues—Cash and Credit	278,346.69
Decrease in Receipts from Residential Light over 1935	1,989.00
Increase in Receipts from Commercial Light over 1935	3,121.25
Increase in Receipts from Power over 1935	7,588.57
Increase in K. W. Hrs. Furnished for Light over 1935 ...	313,866
Increase in K. W. Hrs. Furnished for Power over 1935 ..	1,079,465
K. W. Hrs. Sold per Consumer per Year — Residential Light	481
K. W. Hrs. Sold per Consumer per Year — Commercial Light	2,095
K. W. Hrs. Sold per Consumer per Year—Power	21,724
K. W. Hrs. Sold per Capita per Year—Residential Light ..	122
K. W. Hrs. Sold per Capita per Year—Commercial Light .	109
K. W. Hrs. Sold per Capita per Year—Power	349
Received per Consumer per Year—Residential Light	\$ 23.73
Received per Consumer per Year—Commercial Light	92.22
Received per Consumer per Year—Power	379.46
Received per Capita per Year—Residential Light	6.05
Received per Capita per Year—Commercial Light	4.79
Received per Capita per Year—Power	6.09
Average Monthly Bill—Residential Light	1.98
Average Monthly Bill—Commercial Light	7.68
Average Monthly Bill—Power	31.62

Average Price Paid per K. W. H. including Minimum Charge	
—Residential Light	4.9 cents
Average Price Paid per K. W. H. including Minimum Charge	
—Commercial Light	4.4 cents
Average Price Paid per K. W. H. including Minimum Charge	
—Power	1.74 cents
Total Amount of Bills Rendered Net	\$ 241,900.93
Total Amount of Bills Collected Net	241,892.31
Loss in Bad Accounts	8.62
Percentage Lost in Bad Accounts .....	.00356%

RATES FOR ELECTRIC CURRENT

Residential Lighting

		Rate per K. W. H.
First	40 K. W. Hrs. used per Month	\$0.06
Next	60 K. W. Hrs. used per Month	0.045
Next	100 K. W. Hrs. used per Month	0.035
All over	200 K. W. Hrs. used per Month	0.025

Residential Lighting Where Ranges or Refrigerators Are in Service

		Rate per K. W. H.
First	30 K. W. Hrs. used per Month	\$0.06
Next	60 K. W. Hrs. used per Month	0.04
Next	100 K. W. Hrs. used per Month	0.03
All over	190 K. W. Hrs. used per Month	0.02

Commercial Lighting

		Rate per K. W. H.
First	75 K. W. Hrs. used per Month	\$0.065
Next	350 K. W. Hrs. used per Month	0.055
Next	1,500 K. W. Hrs. used per Month	0.035
All over	1,925 K. W. Hrs. used per Month	0.025

Minimum Charge

All of the above rates are subject to a monthly Minimum Charge of seventy-five (\$0.75) cents for each Kilo-Watt, or fraction thereof, of connected load, with the exception, however, that in computing the capacity of all electric ranges, the capacity of the largest element of the range shall be used for determining the monthly Minimum Charge, but in no event will a monthly Minimum Charge on any range be less than \$2.00 per Month.

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

Secondary Power

				Rate per K. W. H.
First	500	K. W. Hrs. used	per Month	\$0.03
Next	1,500	K. W. Hrs. used	per Month	0.02
Next	3,000	K. W. Hrs. used	per Month	0.018
Next	5,000	K. W. Hrs. used	per Month	0.016
All over	10,000	K. W. Hrs. used	per Month	0.014

Minimum Charges

Minimum Charges on motor installations for Secondary Power Purposes shall be as follows:

1st Motor Installed	.....	\$1.25	per H. P. Installed	per Month
2nd Motor Installed	.....	1.00	per H. P. Installed	per Month
3rd Motor Installed	.....	.90	per H. P. Installed	per Month
4th Motor Installed	.....	.80	per H. P. Installed	per Month
5th Motor Installed	.....	.70	per H. P. Installed	per Month
6th Motor Installed	.....	.60	per H. P. Installed	per Month
All over six Motors	Installed ...	.50	per H. P. Installed	per Month

Primary Light and Power

				Rate per K. W. H.
First	10,000	K. W. Hrs. used	per Month	\$0.016
Next	20,000	K. W. Hrs. used	per Month	0.014
Next	40,000	K. W. Hrs. used	per Month	0.012
All over	70,000	K. W. Hrs. used	per Month	0.009

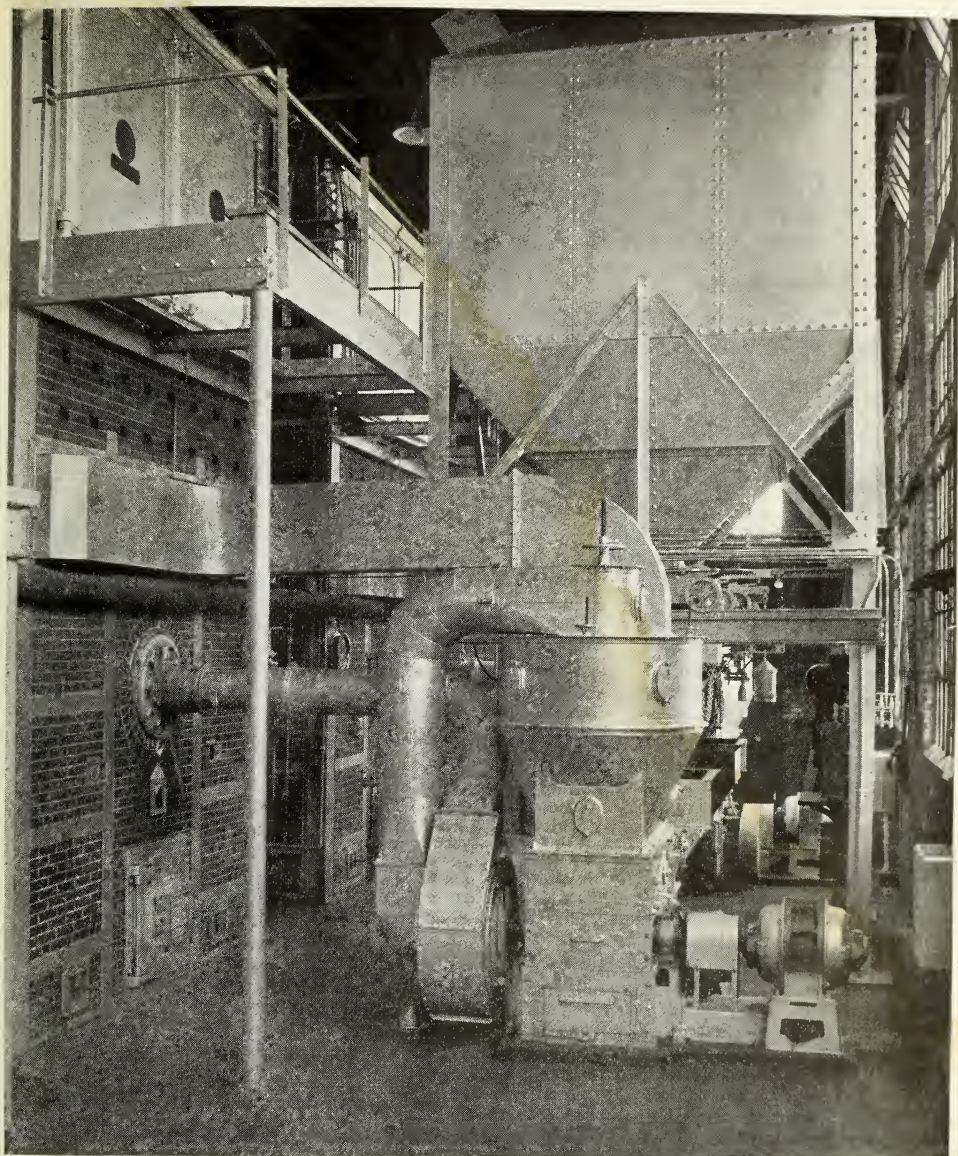
Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered.

Demand Charges

Demand Charges shall be determined and billed monthly, based on the highest registration during the month of a demand meter having a 15 minute interval, and shall be as follows:

First	200	K. W. of Demand	per Month	\$1.50	per K. W.
All over	200	K. W. of Demand	per Month	1.00	per K. W.



BOILER ROOM, MUNICIPAL ELECTRIC LIGHT PLANT

Power Factor Clause

When the average power factor is found to be lower than eighty per cent (80%), the monthly Kilo-Watt Demand shall be corrected and determined as follows: Kilo-Watt Demand as measured, divided by average power factor of load, multiplied by allowable power factor of eighty per cent (80%).

Off Peak Electric Water Heating

Rate per
K. W. H.

Energy Rate per K. W. Hr. per Month \$0.01

Minimum Charge

\$0.75 per Month per Kilo-Watt of heater capacity, based on largest heating unit.

Discount

The above Energy Rate is subject to a discount of ten (10%) per cent if bills are paid on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

This rate applied only to a restricted service for residential and commercial water heating.

This rate is available only to residential and commercial consumers who are accessible to the distributing system of the Borough of Chambersburg Electric Light Department.

The supply of service under this schedule shall be limited to operating periods aggregating not more than twelve hours in each day, or from 9:00 P. M. to 7:00 A. M. the following morning, and from 12:00 noon to 2:00 P. M. This period may, at the option of the Borough, be further restricted or extended.

Service under this schedule is available only for water heaters of not more than 3,000 watts capacity, which shall be furnished, installed, and connected up by the consumer. The Borough of Chambersburg Electric Light Department will furnish a suitable device for automatically restricting the supply of current to those hours which the Borough may designate.

This service will be supplied through a separate integrating watt-hour meter and no other appliances other than the water heater shall be connected to this service. Service will be supplied at either 220 volts or 110 volts single, or three phase, at the option of the Borough of Chambersburg Electric Light Department.

Water heaters, and all devices connected therewith or appurtenant thereto, shall be so designed and constructed that they will not, under any circumstances, cause radio interference by their operation. In the event that any of the equipment does cause radio interference by reason of its operation, the Borough shall discontinue furnishing current to the installation in which the particular radio interference originates, until such time as new equipment is installed, or the old equipment corrected for radio interference. Water heaters must be controlled automatically so that, under no circumstances, shall both heating elements operate at the same time.

GENERAL REGULATIONS

Minimum Charges

Minimum Charges and Demand Charges under the different classes of service are not subject to discount, but if they are not paid on, or before, the 20th of the Month following the Month for which the service was rendered, a ten (10%) per cent penalty shall be added.

Lamps, Supplies, etc.

All bills rendered by the Borough of Chambersburg Electric Light Department, except those rendered for electric energy, are not subject to discount, but if not paid on, or before, the 20th of the month following the Month for which the bill was rendered, a penalty of ten (10%) per cent shall be added.

Deposits

All consumers applying for, or using, any class of service in properties to which they cannot establish ownership shall make a cash deposit with the City Clerk in amount equal to the estimated bills for the service to be supplied in any two consecutive Months. The Borough may at any time require that the deposit be increased to cover two Months' consumption based on the amount of the highest month's billing. The amount of the deposit may be reduced, upon request of the consumer, to an amount sufficient to cover the maximum amount of the billing for any two consecutive Months during the preceding year.

There are at the present time 10 electric water heaters in service in Chambersburg, which are working out entirely satisfactory. The refrigerator load has developed very rapidly during 1936, there being at the present time 980 domestic refrigerators and 78 commercial refrigerators in service. The electric range work is progressing in a very satisfactory manner, there being at the present time 78 electric ranges in service.

BALANCE SHEET

ELECTRIC LIGHT DEPARTMENT

Assets

Fixed Capital

Fixed Capital Installed	\$ 788,913.37
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Funds and Special Deposits

Sinking Fund Assets	\$ 48,429.18	
Consumers' Deposits	20,588.60	
		69,017.78

Current Assets

Cash (Borough Treasurer's Account)	\$ 38,580.69	
Accounts Receivable, Consumers	36,915.53	
Materials and Supplies	5,157.80	
Advance to Water Department plus Accrued Interest	88,050.35	
		168,704.37

Prepayments and Accrued Assets

Unmatured Interest Receivable (Water Department)	625.82	
Total Assets	<u> </u>	\$1,027,261.34

Liabilities

Net Investment, Electric Light Department, December 31, 1936	\$ 239,054.84
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Current Liabilities

Consumers' Deposits	18,644.93
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Reserves

Reserve for Renewals and Replacements	256,705.77
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Surplus

Total Surplus Earned 1936 .	512,855.80	
Total Liabilities	<u> </u>	\$1,027,261.34

RECAPITULATION NET WORTH

Net Investment December 31, 1935	\$ 339,080.83
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Additions

Cash Grant from U. S. Government	\$ 4,350.00	
Free Water from Water Department	624.01	
	<u> </u>	4,974.01
		<u>\$ 344,054.84</u>

Deductions

Contributions to General Borough Funds	\$ 105,000.00	
	<u>\$ 239,054.84</u>	
Earned Surplus to December 31, 1936	512,855.80	
Net Worth December 31, 1936	<u> </u>	\$ 751,910.64

OPERATING REVENUE AND EXPENSE STATEMENT **ELECTRIC LIGHT DEPARTMENT**

Operating Revenues

Metered Sales for Domestic Lighting	\$ 94,507.49	
Metered Sales for Other Private Lighting	73,809.95	
Metered Sales for Domestic Power	95,043.76	
Metered Sales to Other Electric Utilities	4,521.42	
Metered Sales for Other Municipal Lighting	2,552.06	
Metered Sales for Municipal Power	1,612.92	
Unmetered Sales for Municipal Street Lighting	31,559.40	
Consumers Discounts Forfeited and Penalties Imposed	170.07	
		\$ 303,777.07
Discounts and Allowances to Consumers		23,275.22
Total Operating Revenues ..		\$ 280,501.85

Operating Expenses

Generating System Expenses

Operating Labor	\$ 15,750.52	
Fuel	32,931.05	
Water	624.01	
Lubricants	48.90	
Boiler Plant Supplies and Expenses	223.12	
Other Supplies and Expenses	71.56	
Maintenance of Structures ..	175.24	
Maintenance of Steam Power Equipment	2,112.41	
Maintenance of Electric Equipment	133.22	
Maintenance of Other Equipment	623.48	
Total Generating System Expenses		\$ 52,693.51

Distribution System Expenses

Operating Labor	\$ 1,302.42	
Supplies and Expenses Overhead and Underground System	471.89	
Maintenance of Structures ..	3.36	
Maintenance of Overhead Equipment	3,657.97	

Maintenance of Underground Equipment	13.39	
Maintenance of Services ...	23.59	
Maintenance of Transformers	1,546.53	
Maintenance of Meters	1,850.79	
Total Distribution System Expenses		\$ 8,869.94

Utilization System Expenses

Operating Labor	\$ 537.55	
Municipal Street, Arc, and Incandescent System Supplies and Expenses	797.42	
Commercial Arc and Incandescent System Supplies and Expenses	56.16	
Other Operating Supplies and Expenses	1.57	
Maintenance of Municipal Street Arc and Incandescent System	484.87	
Total Utilization System Expenses		1,877.57

General Expenses

General Administrative Salaries	\$ 6,285.22	
Salaries of Meter Readers ..	1,084.54	
General Administrative Supplies	463.19	
Other General Administrative Expenses	200.80	
Insurance	1,016.36	
Other General Expenses ...	217.29	
Maintenance of General Equipment	190.16	
Depreciation	26,251.26	
Total General Expenses		35,708.82
Total Operating Expenses .		\$ 99,149.84

CONDENSED INCOME PROFIT AND LOSS STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues	\$ 280,501.85	✓
Operating Expenses		
Generating System Operating Expenses	\$ 52,693.51	
Distribution System Operating Expenses	8,869.94	
Utilization System Operating Expenses	1,877.57	
General Administrative Expenses	8,033.75	
Other General Expenses	27,675.07	
Total Operating Expenses ..		99,149.84 ✓

Operating Income		181,352.01 ✓
Non Operating Revenues ...	\$ 10,067.79	
Non Operating Expenses ...	5,554.50	
Net Operating Income	<u> </u>	4,513.29
Total Net Income		\$ 185,865.30

Net Income Deductions

Free Electricity Furnished Borough		35,724.38
Balance of Net Income		\$ 150,140.92

ELECTRIC LIGHT DEPARTMENT ANALYSIS OF FIXED CAPITAL

	Balance Jan. 1, 1936	Additions 1936	Balance Dec. 31, 1936
Organization	\$ 8,217.91		\$ 8,217.91
Generating System—Land .	2,028.21		2,028.21
Generating System, Power Plant Structures	44,929.27		44,929.27
Generating System, Railroad Sidings, etc.	6,067.16		6,067.16
Generating System, Boiler Plant Equipment	118,391.60		118,391.60
Generating System, Turbo Generators	216,742.53		216,742.53
Generating System, Other Electrical Equipment ...	16,034.15	\$ 109.88	16,144.03
Generating System, Coal Storage and Weighing Equipment	16,645.42		16,645.42
Generating System, Other Power Plant Equipment ..	2,732.10		2,732.10
Transmission System, Over- head Conductors	44.88		44.88
Distribution System, Poles and Fixtures	36,113.19	339.06	36,452.25
Distribution System, Over- head Conductors	31,925.42	2,606.85	34,532.27
Distribution System, Over- head Transformers	33,273.73	942.10	34,215.83
Distribution System, Over- head Transformer Instal- lations	5,811.87	116.71	5,928.58
Distribution System, Over- head Services	19,352.27	139.72	19,491.99
Distribution System, Under- ground Conduits	1,183.69		1,183.69
Distribution System, Under- ground Conductors	1,500.98		1,500.98
Distribution System, Under- ground Transformers	605.25		605.25

Distribution System, Under-ground Transformer Installation	82.93		82.93
Distribution System, Under-ground Services .....	.44		.44
Distribution System, Meters	38,949.56	1,360.03	40,309.59
Distribution System, Meter Installation	5,746.60	166.05	5,912.65
Utilization System, Commercial Arc System	2.16		2.16
Utilization System, Municipal Street Arc System ...	18,535.38		18,535.38
Utilization System, Municipal Street Incandescent System	41,307.25	56.70	41,363.95
Other General Land	600.00		600.00
Other General Structures ..	2,590.00		2,590.00
Other General Equipment ..	1,082.83		1,082.83
General Store Equipment ..	184.00	.22	184.22
General Garage Equipment .	2,755.83	489.50	3,245.33
General Laboratory Equipment	584.46		584.46
General Tools and Implements	499.74		499.74
Engineering and Superintendence During Construction	26,067.75		26,067.75
Administrative and Legal Expenses During Construction	8,217.91		8,217.91
Interest During Construction	25,393.33		25,393.33
Development Cost	48,386.75		48,386.75
	<u>\$ 782,586.55</u>	<u>\$ 6,326.82</u>	<u>\$ 788,913.37</u>

ELECTRIC LIGHT DEPARTMENT—SINKING FUND

Balance in Sinking Fund (Four Banks) January 1, 1936	\$ 42,601.80	
Transfer from Electric Light Department	31,200.00	
Transfer from Water Department	13,767.47	
Interest Received (Four Banks)	560.26	
Portion of U. S. Grant Deposited in Light Sinking Fund	4,350.00	
	<u>\$ 92,479.53</u>	
Transfer to Water Department	\$ 44,050.35	
Balance in Hands of Treasurer January 1, 1937	48,429.18	
	<u>\$ 92,479.53</u>	

FREE LIGHTING AND POWER USED IN BOROUGH DURING 1936

Light

Public Comfort Station	\$	208.96	
Traffic Signals		525.48	
Friendship Fire Company ..		169.92	
Junior Fire Company		187.22	
Good Will Fire Company ...		356.52	
Franklin Fire Company		225.12	
Cumberland Valley Fire Com-			
pany		66.98	
Municipal Garage		46.78	
Light Plant, Storage Shed ..		9.00	
Light Plant, Fire Alarm			
Battery		35.37	
City Hall		429.19	
City Hall, Water Heater		36.41	
Police Headquarters		205.13	
Disposal Plant, Pump House		41.41	
Henninger Field, Flood			
Lights		8.57	
		<hr/>	
	\$		2,552.06

Power

Franklin Fire Company	\$	60.60	
Municipal Garage		103.26	
Disposal Plant		1,336.62	
Free Power for Sawing Wood		112.44	
		<hr/>	
			1,612.92
Arc Lighting of Streets	\$	7,253.40	
Incandescent Lighting of			
Streets		24,306.00	
		<hr/>	
			31,559.40
Total			<hr/>
	\$		35,724.38
In addition, Credit Account			
Labor at Plant — Fire			
Alarm Batteries 365 @			
\$2.00	\$	730.00	

ELECTRIC CURRENT LIENS

Balance to be collected Janu-			
ary 1, 1936	\$	96.39	
Liens Entered During 1936 .		8.25	
Costs		2.00	
		<hr/>	
	\$		106.64
Collected During 1936	\$	6.00	
Costs		2.00	
Balance to be collected Janu-			
ary 1, 1937		98.64	
		<hr/>	
	\$		106.64

**STATEMENT OF ASSETS AND LIABILITIES OF THE BOROUGH
OF CHAMBERSBURG FOR THE YEAR ENDING
JANUARY 1, 1937**

Assets

Cash in Treasurer's Hands, Water Department	\$	11,992.94	
Cash in Treasurer's Hands, Water Department, P. W. A. Fund		5,937.67	
Cash in Treasurer's Hands, Light Department		38,580.69	
Cash in Treasurer's Hands, Light Department Sinking Fund		48,429.18	
Cash in Treasurer's Hands, Bond Department		14,324.80	
Cash in Treasurer's Hands, Bond Department Sinking Fund		3,921.64	
Cash in Treasurer's Hands, Borough Fire Fund		21,489.95	
Cash in Collector's Hands, Electric Light Consumer's Deposit Account		20,588.60	
			\$ 165,265.47

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	
Tax Duplicate, 1928-1929			\$	202.62
Tax Duplicate, 1931-1932	\$1,395.42	\$ 779.80		
Tax Duplicate, 1932-1933	887.75	930.13		
Tax Duplicate, 1933-1934	7.80	36.85		
Tax Duplicate, 1934-1935	2,005.64	2,069.47		
Tax Duplicate, 1935-1936	629.15	2,108.28		
Tax Duplicate, 1936-1937	1,073.27	3,281.27		
	\$5,999.03	\$ 9,205.80	\$ 202.62	\$ 15,407.45
Investments, Borough Fire Fund				5,000.00
Unpaid Tax Liens, E. W. Davis, Collector			5,695.21	
Unpaid Paving Liens			3,177.39	
Unpaid Sewer Assessments			395.07	
Unpaid Sewer Liens			7,321.28	
Unpaid Water Liens			2,049.36	
Unpaid Electric Light Liens			98.64	
				18,736.95
Water Department, Current Assets, Less Cash in Treasurer's Account				14,716.98

Light Department, Current Assets, Less	
Cash in Treasurer's Account	130,123.68
Value of Water Distributing System	919,481.67
Value of Light Plant and Distribution System	532,207.60
Value of Disposal Plant and Main Trunk System	148,135.00
Value of Lateral Sewers	220,184.19
Value of Fire Houses and Apparatus	147,913.00
Value of Office Building, Market House	55,856.00
Value of Police Headquarters	10,000.00
Value of Street Department, Storage House and Equipment	25,500.00
Value of Henninger Field	16,000.00
Value of Fourth Street Properties	4,000.00
Value of Third Street Property	1,000.00
Value of Public Comfort Station	5,500.00
	<hr/>
	\$2,435,027.99

Liabilities

4½ % Improvement Bonds of 1912, Issued December 1, 1912, Due September 1, 1942, Total Issued	\$ 50,000.00	
Bonds Redeemed and Cancelled 1932	\$ 5,000.00	
Bonds Redeemed and Cancelled 1933	6,500.00	
Bonds Redeemed and Cancelled 1934	5,000.00	
Bonds Redeemed and Cancelled 1935	5,000.00	
Bonds Redeemed and Cancelled 1936	5,000.00	
	<hr/>	26,500.00
Balance Outstanding		\$ 23,500.00
3% Improvement and Refunding Bonds, Issued December 1, 1935	\$ 150,000.00	
Bonds Redeemed and Cancelled 1936	7,000.00	
Balance Outstanding	<hr/>	\$ 143,000.00

The above balances are the present actual indebtedness of the Burgess and Town Council of the Borough of Chambersburg created without the authority of the vote of electors thereof.

Electric Light Consumers' Deposit Account	20,588.60
General Borough Account Overdrawn	3,927.79
Assets in Excess of Liabilities	2,244,011.60
	<hr/>
	\$2,435,027.99

HARRY R. GEARHART,
PAUL N. GEYER,
ALBERT S. HENNEBERGER,
Auditors.

COMPARISON OF TAX LEVY, BONDED DEBT, ETC., FOR YEAR 1936

Borough	Popula- tion	Assessed Valuation	Tax Rate (Mills)	Taxes Levied for Borough and Bond Purposes	Taxes Paid Per Capita	Bonded Debt (Less Sink- ing Fund)	Net Debt Per Capita
Berwick	12,600	\$ 7,972,965	10	\$ 79,729.65	\$ 6.33	\$203,000.00	\$16.11
Cannonsburg	12,558	6,409,165	15	96,137.00	7.65	155,000.00	12.34
Carnegie	12,500	9,750,733	14	136,510.26	10.92	260,893.00	20.87
Donora	13,905	11,194,315	12	134,332.00	9.66	449,576.00	32.33
Dormont	13,190	17,152,535	10	171,525.00	13.00	722,872.00	54.80
Lewistown	14,000	7,088,265	11	77,970.91	5.569	187,187.17	13.37
Munhall	12,995	20,102,850	11	221,131.00	17.01	785,000.00	60.40
Steelton	13,290	8,176,995	13	106,300.93	7.99	233,166.76	17.54
Warren	14,863	12,042,203	14	168,591.00	11.34	142,008.00	9.55
Carlisle	12,596	11,547,805	8	92,453.04	7.34	603,000.00	48.00
Shippensburg	4,345	2,748,060	8.5	23,359.00	5.37	170,308.00	39.19
Waynesboro	10,160	5,995,884	15	89,939.15	8.85	426,736.00	42.00
Chambersburg	14,000	7,538,088	4	30,152.00	2.15	162,578.00	11.61

The information for the above Tabulation was obtained from the Bureau of Municipal Affairs, State Capitol, Harrisburg, Pa., and the individual Boroughs themselves, and is for the year 1936. It shows the rather enviable position your Borough occupies, as compared with other Boroughs of approximately the same size distributed over the entire State.

VALUES OF SERVICES RECEIVED FOR \$1.00 OF BOROUGH TAXES LEVIED 1936

	Costs	Taxes Levied for Borough Purposes
Borough Administration ...	\$ 36,379.57	divided by \$7,538.00=\$ 4.826
Police Services	17,191.99	divided by 7,538.00= 2.280
Public Health Services	2,069.26	divided by 7,538.00= .274
Fire Protection Services	26,922.83	divided by 7,538.00= 3.571
Street Department Services .	50,581.96	divided by 7,538.00= 6.710
Street Lighting, Miscel. Ser- vices	31,704.62	divided by 7,538.00= 4.204
Sanitary Sewerage Services .	13,226.40	divided by 7,538.00= 1.754
Comfort Station Services ...	836.07	divided by 7,538.00= .110
Parks and Playground Ser- vices	4,518.76	divided by 7,538.00= .599
Total	\$183,431.46	divided by \$7,538.00=\$24.33

VALUES OF SERVICES RECEIVED PER CAPITA

	Estimated Population 14,000 Population
Borough Administration	\$ 36,379.57 divided by 14,000=\$ 2.598
Police Services	17,191.99 divided by 14,000= 1.227
Public Health Services	2,069.26 divided by 14,000= .147
Fire Protection Services	26,922.83 divided by 14,000= 1.923
Street Department Services ...	50,581.96 divided by 14,000= 3.612
Street Lighting, Miscel. Services	31,704.62 divided by 14,000= 2.264
Sanitary Sewerage Services ...	13,226.40 divided by 14,000= .944
Comfort Station Services	836.07 divided by 14,000= .059
Parks and Playground Services	4,518.76 divided by 14,000= .322
Total	\$183,431.46 divided by 14,000=\$13.10

Note: The Citizens of Chambersburg received in these services \$183,431.46 of Value for which Taxes were levied for Borough purposes in the amount of \$7,538.00. If you did not operate your Electric Light and Water Utilities, at a handsome profit, the whole cost of these services would have to be paid for by Taxes, which would mean an increase in Taxes for Borough purposes of 24.3 times what they were in 1936.

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BERSBURG NSYLVANIA

THE BOROUGH ENGINEER
ERSBURG, PENNA.

JANUARY 1935

NUMBER 30009-A

POPULATION OF BOROUGH

13,788

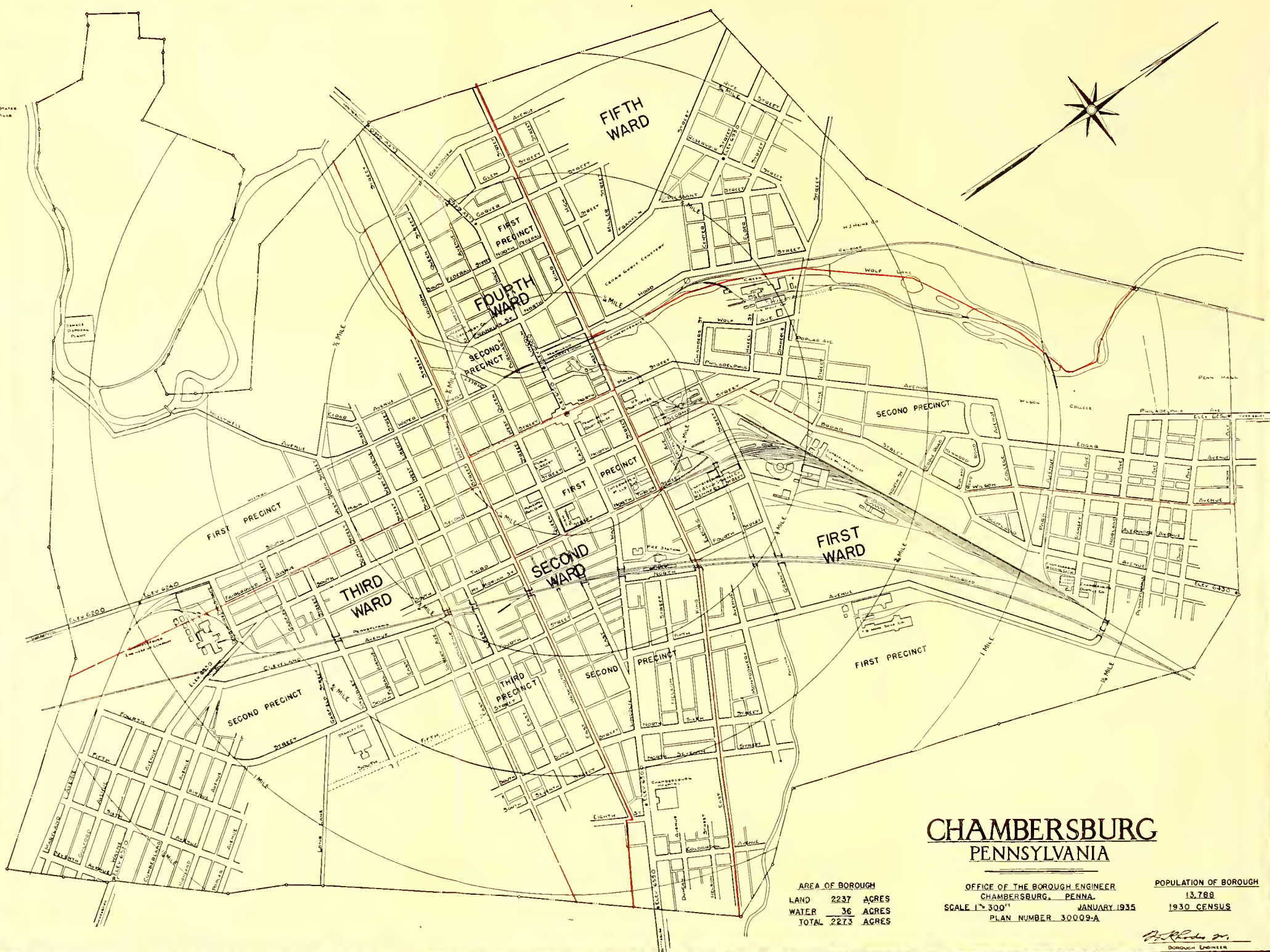
1930 CENSUS

W. Rhodes Jr.

BOROUGH ENGINEER



UNITED STATES
TWO MILES



CHAMBERSBURG PENNSYLVANIA

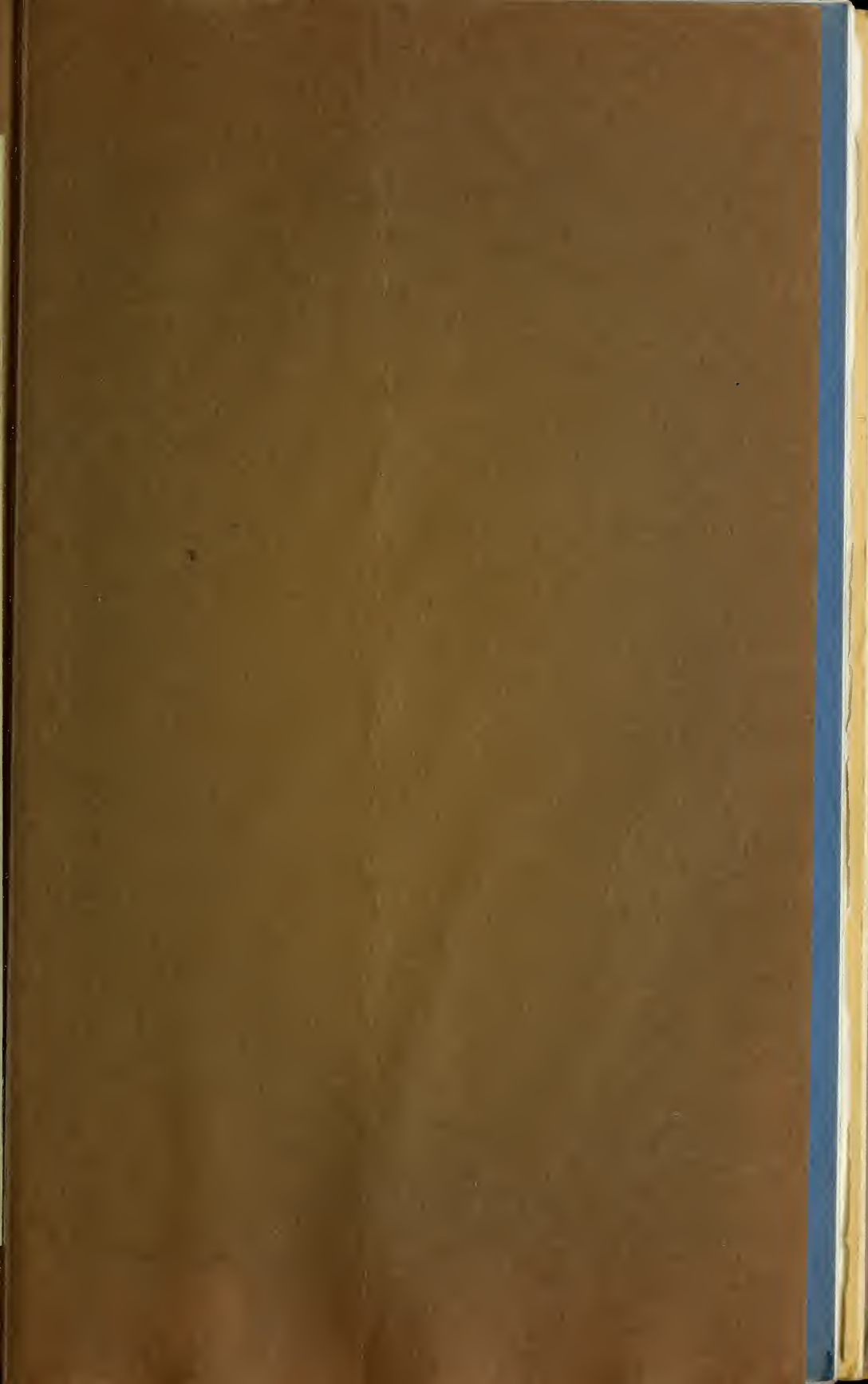
AREA OF BOROUGH
LAND 2237 ACRES
WATER 36 ACRES
TOTAL 2273 ACRES

OFFICE OF THE BOROUGH ENGINEER
CHAMBERSBURG, PENNA.
SCALE 1"=300'
JANUARY 1935
PLAN NUMBER 30009-A

POPULATION OF BOROUGH
13,788
1930 CENSUS

H. R. Rhodes Jr.
BOROUGH ENGINEER



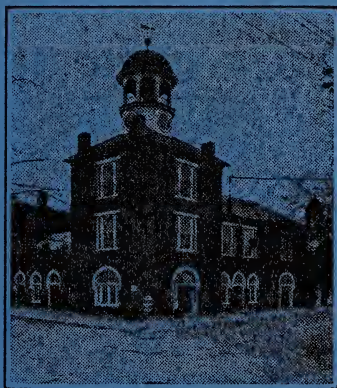


CHAMBERSBURG. PA.

Murray E. Kauffman
Metal Finishing
2110 Lincoln Way East
Chambersburg, Pa. 17201

ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1937



This Pamphlet is published for the benefit of the citizens of Chambersburg, that they may become better acquainted with those vital things in our community that go to make Chambersburg a better place in which to live.



ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA
For the Year Ending December 31, 1937



FOR THE YEAR
from
JANUARY 1, 1937, TO DECEMBER 31, 1937
Being
THE ONE HUNDRED AND THIRTY-FOURTH SINCE INCORPORATED
AS A BOROUGH

PERSONNEL OF THE BOROUGH GOVERNMENT

1937

R. C. VANDERAU	<i>Chief Burgess</i>
H. STANLEY APPENZELLAR	<i>President Town Council</i>
J. HASE MOWREY	<i>Manager of Utilities</i>
E. W. DAVIS	<i>Secretary</i>
CONRAD E. FOGELSANGER	<i>Treasurer</i>
EDMUND C. WINGERD	<i>Solicitor</i>
GEORGE H. BITNER, to March, 1937	<i>Tax Collector</i>
WALTER P. BITNER, to Finish 1937 Duplicate ...	<i>Tax Collector</i>
HARRY R. GEARHART	<i>Auditor</i>
PAUL N. GEYER	<i>Auditor</i>
ALBERT S. HENNEBERGER	<i>Auditor</i>
MARGARET E. WINGERT	<i>Chief Bookkeeper</i>
H. S. BYERS	<i>Chief of Police</i>
ROBERT MONN	<i>Superintendent of Water and Sewer</i>
F. D. RHODES, JR.	<i>Borough Engineer</i>
CHARLES F. PFOUTZ	<i>Assistant Borough Engineer</i>

COMMITTEES OF COUNCIL

FINANCE COMMITTEE

H. S. APPENZELLAR, *Chairman*
J. H. KARNS
G. FRED GIBBS
G. B. STOUFFER
J. HARVEY MARTIN

WATER AND LIGHT COMMITTEE

J. H. KARNS, *Chairman*
B. F. SMALL
T. C. McCULLOUGH

STREET COMMITTEE

ELLWOOD JODER, *Chairman*
G. S. KLENZING
J. HARVEY MARTIN

FIRE COMMITTEE

G. FRED GIBBS, *Fire Marshal*
C. H. PENSINGER
G. S. KLENZING

BOROUGH PROPERTY COMMITTEE

H. S. APPENZELLAR, *Chairman*
ELLWOOD JODER
J. H. KARNS
G. FRED GIBBS
G. B. STOUFFER

SEWER COMMITTEE

G. B. STOUFFER, *Chairman*
B. F. SMALL
J. HARVEY MARTIN

INDUSTRIAL COMMITTEE

G. B. STOUFFER, *Chairman*
ELLWOOD JODER
T. C. McCULLOUGH

PUBLIC COMFORT STATION COMMITTEE

J. H. KARNS, *Chairman*
J. HARVEY MARTIN
T. C. McCULLOUGH

PARKS AND PLAYGROUNDS
COMMITTEE

C. H. PENSINGER, *Chairman*
ELLWOOD JODER
G. S. KLENZING
G. FRED GIBBS

CIVIL WORKS COMMITTEE

B. F. SMALL, *Chairman*
G. S. KLENZING
T. C. McCULLOUGH

PUBLIC SAFETY COMMITTEE

BURGESS R. C. VANDERAU,
Chairman
CHIEF H. S. BYERS
G. FRED GIBBS
B. F. SMALL
T. C. McCULLOUGH

COYLE LIBRARY TRUSTEES

ELLWOOD JODER
C. H. PENSINGER

BOARD OF HEALTH

DR. B. M. BEATTIE, *President*
DR. L. H. SEATON
JAMES C. CLARK
PAUL WALKER
F. LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

PERSONNEL OF THE BOROUGH GOVERNMENT

1938

R. C. VANDERAU	<i>Chief Burgess</i>
ELLWOOD JODER	<i>President Town Council</i>
J. HASE MOWREY	<i>Manager of Utilities</i>
E. W. DAVIS	<i>Secretary</i>
W. M. L. ETTER	<i>Treasurer</i>
EDMUND C. WINGERD	<i>Solicitor</i>
EDGAR W. DIEHL	<i>Tax Collector</i>
HARRY R. GEARHART	<i>Auditor</i>
HERBERT C. KEEFER	<i>Auditor</i>
ALBERT S. HENNEBERGER	<i>Auditor</i>
MARGARET E. WINGERT	<i>Chief Bookkeeper</i>
H. S. BYERS	<i>Chief of Police</i>
ROBERT MONN	<i>Superintendent of Water and Sewer</i>
F. D. RHODES, JR.	<i>Borough Engineer</i>
CHARLES F. PFOUTZ	<i>Assistant Borough Engineer</i>
ROBERT RINICK	<i>Market Master</i>

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J. H. MARTIN
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H. C. HUNSECKER
H. H. SWARTZ

WATER AND LIGHT COMMITTEE

T. C. McCULLOUGH, *Chairman*
B. F. SMALL
H. H. SWARTZ

STREET COMMITTEE

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H. C. HUNSECKER

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R. F. ANGLE

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B. F. SMALL

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R. F. ANGLE
G. C. GEYER

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R. F. ANGLE

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C. H. PENSINGER

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COMMITTEE

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H. C. HUNSECKER

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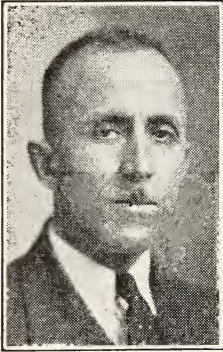
COYLE LIBRARY TRUSTEES

J. H. MARTIN
H. H. SWARTZ

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DR. L. H. SEATON
JAMES C. CLARK
PAUL WALKER
F. LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



ELLWOOD JODER
Councilman, 1st Ward



G. FRED GIBBS
Councilman, 1st Ward



R. C. VANDERAU
Chief Burgess

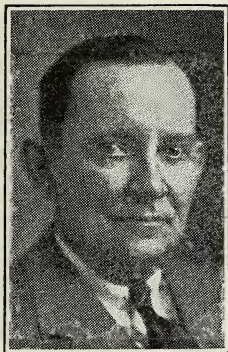


J. H. KARNS
Councilman, 2nd Ward

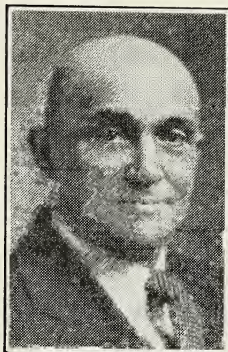


J. HARVEY MARTIN
Councilman, 2nd Ward

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



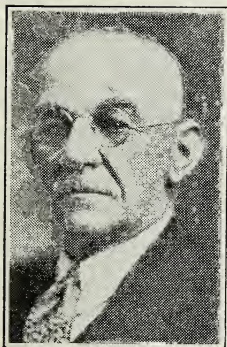
C. H. PENSINGER
Councilman, 3rd Ward



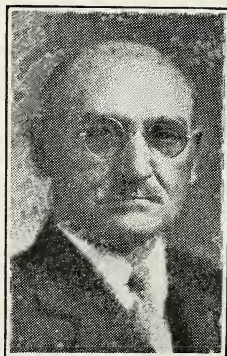
G. B. STOFFER
Councilman, 4th Ward



H. S. APPENZELLAR
*President of Council
Councilman, 3rd Ward*



T. C. McCULLOUGH
Councilman, 4th Ward



B. F. SMALL
Councilman, 5th Ward

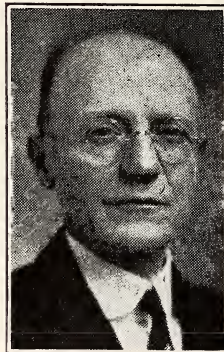
**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



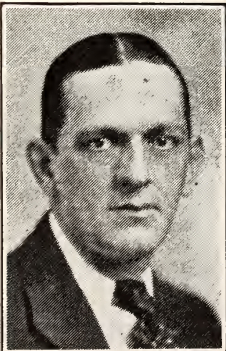
G. STEWART KLENZING
Councilman, 5th Ward



E. C. WINGERD
Borough Solicitor



J. HASE MOWREY
Manager of Utilities



F. D. RHODES, JR.
Borough Engineer

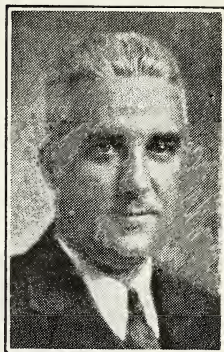


H. S. BYERS
Chief of Police

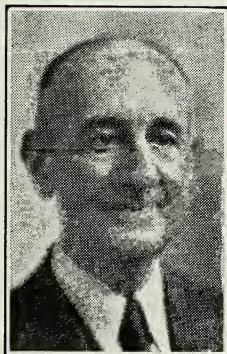
**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



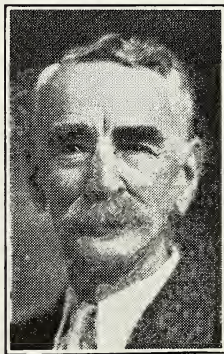
MARGARET E. WINGERT
Chief Bookkeeper



ROBERT MONN
Supt. of Water and Sewer



E. W. DAVIS
Borough Clerk



W. W. MILLER
Market Master



MUNICIPAL OFFICE BUILDING

HISTORICAL

Chambersburg was founded by Benjamin Chambers at "Fawling Spring on Cannogogige," in 1734, and in 1764 Benjamin Chambers writes, "there is a town laid out on Conegogig Creek." The Town was incorporated by an Act of the General Assembly of the State of Pennsylvania, March 21, 1803, and the first Burgess and Town Council consisted of the following: Chief Burgess—Major John Holliday; Councilmen—Edward Crawford, Esq., Andrew Dunlap, Christian Oister, John Shryock, and Patrick Campbell. It has grown slowly, but its growth has been steady and its accomplishments enduring. Today, it bears the rather enviable reputation of being one of the outstanding boroughs in the State of Pennsylvania, and its citizens enjoy more vital services at a much lower cost than any other borough in the State.

POLICE DEPARTMENT

The first police force for the Borough of Chambersburg was established January 16, 1818, by the following action of Town Council, "Be it ordained, etc., That four men shall be employed to watch and patrol the streets of the Borough, during the night, from nine o'clock until daybreak, for the term of three months from this date, to guard the property of the inhabitants, as far as in their power, from incendiaries, thieves, and plunderers, and to arrest and detain all vagrants and night walkers until the morning, unless he, she, or they, can give a satisfactory account of their purpose and the occasion of their being found on the street—and also call the hour."

The Council entered into an article of agreement dated January 17, 1818, with Robert Allison, as Captain, William McElhany, Jacob Heckerman, and Dan McAllister, privates, to patrol the town from nine o'clock until daybreak, call the hour, and light any lamps that are, or may be erected, for which the Captain was to receive \$18.00 per month, and each private \$15.00 per month, and the Council was to furnish each one with a sufficiently warm watch-coat.

From the following proclamation, it is evident that 120 years ago, the sources of amusement for the good people of Chambersburg were more varied, permanent, and better protected than they are today:

"To Robert Allison, High Constable

Sir: You are hereby authorized to attend the Theatre in the Borough of Chambersburg and Protect the Manager thereof whilst acting from any disorderly Person or Persons—and if any Person or Persons attempt to disturb said actors during their performans—you are hereby Commanded to bring him or them before me or any Justice of the Peace in said Borough to be dealt with according to Law. Fail not.

Given under my hand and seal this 19th day of July, 1816.

(Signed) PATRICK CAMPBELL, Burgess."

From this very modest beginning, the Police Department has developed into a highly efficient and very completely equipped organization, consisting of a Chief, one Lieutenant, and eight Patrolmen. Their equipment consists of a Hardinge Police Register System, dictograph,

finger printing outfit, Colts 38 calibre revolvers, tear gas guns, tear gas hand grenades, police car, and two motorcycles.

During the year 1937, the Police Department answered 1,136 calls. This is exclusive of all calls answered by the Chief, or by the Lieutenant. There was a total number of 466 arrests made for various offences. The arrests for drunk and disorderly conduct totaled 260. There were 13 actual cases of breaking-in and larceny reported, and 6 arrests were made in these 13 cases. The night patrol reported 302 store doors left open by owners on leaving store. The total amount of fines collected was \$336.00.

FIRE DEPARTMENT

More than one hundred and fifty years ago, in 1790 to be exact, when the village of Chambersburg consisted entirely of either log or frame houses, and the fire hazard was great because of wood fires upon the open hearth, the necessity of providing protection from fire was first discussed, and the Friendship Fire Company, an organization of citizens equipped with buckets, was formed.

Since that time, with the expansion of the village from a few houses to a borough of the first magnitude, the formation of additional companies became necessary, and their equipment, from bucket to hand pump, to hose reel, to steam fire engine, and, during the past fifteen years to modernized motor drawn and motor driven apparatus, has kept pace with the times.

Today, the fire department consists of five companies, advantageously located, and equipped with three American LaFrance Pumpers, one Ward LaFrance Flood Light Truck and Pumper, an aerial truck with 65-foot ladder, a City Service truck with booster pump, a truck equipped with a Foamite unit, a squad and chemical car, and an ambulance.

The companies are entirely volunteer, only the drivers of the apparatus receiving pay from the Borough. The fire houses are owned by the Borough and under the care of the Property Committee of the Borough Council.

In addition to the above mentioned equipment, the town is completely covered by the Gamewell Fire Alarm System, consisting of 53 fire alarm boxes, 5 station house indicators and gongs, and one general alarm, all storage battery operated, and 216 latest type fire plugs are installed at the most advantageous points.

The Department answered 29 general alarms sounded by the Gamewell System during the year, 3 of which were false alarms. In addition to these system alarms, the companies responded to silent alarms and individual calls as follows:

Junior Company	34
Good Will Company	23
Friendship Company	22
Franklin Company	20
Cumberland Valley Company	15

The Good Will ambulance responded to 823 calls during the year. The total estimated fire loss during the year was \$60,000.00.

STREET DEPARTMENT

On March 30, 1734, Benjamin Chambers was given a grant to take, settle, and improve 400 acres of land at the mouth of the Falling Spring and the Conococheague Creek, but this tract was not sub-divided until 1764 when it was laid out as a town and called Chambers Town, which name was changed to Chambersburg when Franklin County was erected in 1784.

The limits of the town at that time were on the North by the Falling Spring, on the East by Second Street, on the South by approximately Liberty Street, and on the West by the Conococheague Creek.

In the beginning of the 19th Century no streets had been graded or paved, although each property owner was required to maintain a walk in front of his own property. The original plan of the inhabitants was to make Second Street the principal business street, but this was changed to Main Street after considerable influence was exerted by those property owners.

Prior to 1813, the Lincoln Highway and Main Street were repaired by the Turnpike Company, by turnpiking which consisted of placing one foot of broken stone covered with gravel and clay. The first record of a contract awarded by the Borough was in 1813 to repair the Lincoln Highway and Main Street near the "Diamond".

The first covered storm sewer was built in Burkhart Avenue from Main Street to the Creek in 1823. This sewer had an inside height of 4½ feet and a width of 3½ feet.

The extension of this form of street repairs, grading, and sewers continued with some modifications until 1912 when the present brick paving was laid and plans adopted to continue this paving four blocks each year. This plan was not followed due to the increased cost of materials.

In 1918 a general plan of macadam construction and surface oiling was adopted and the Lincoln Highway and Main Street were paved first with water-bound macadam and treated with road oil. This is the first year that a large quantity of road oil was used as a maintenance and construction material. Prior to this time oil was used as a dust preventive and partially paid for by the property owners abutting on the streets treated.

This plan was continued until 1927 and 1928, when the Lincoln Highway and Main Street were again repaved with reinforced cement concrete.

In addition to all the usual maintenance works, such as patching, oiling, sweeping, and removing refuse from streets, snow removal, grading, dust control, etc., the following construction work was completed during 1937:—

Macadam paving of streets: East Catherine Street between Sixth Street and Coldbrook Avenue; Coldbrook Avenue between Lincoln Way East and Catherine Street; Alexander Avenue between Norland and Pennsylvania Avenues; Pennsylvania Avenue between Scotland and Wilson Avenues; South Fourth Street between Wayne and Maryland Avenues; Kennedy Street between Grant Street and The Pennsylvania Railroad Company's shops; Vine Street between Wolf Avenue and Race Street; Wolf Avenue between Vine and Commerce Streets; and Heintzelman Avenue from Franklin Street Southward.

Paving of alleys: Cement concrete on East Point Avenue between Lincoln Way East and Washington Street; bituminous concrete surfaces were placed on various alleys in each part of the town with a total length of 4,650 linear feet.

Storm sewers: 36" x 36" concrete box on South Fourth Street from Wayne Avenue Southward; 20" x 42" concrete box on East Catherine Street was 40% completed this year; 36" reinforced concrete pipe through Hafer property at Brandon; and 12" concrete laterals on Federal Street from Loudon to Queen Streets.

Improvements were made to the Municipal Garage consisting of a steam heating system and electrically operated overhead door.

STREET DEPARTMENT REPORT

FOR THE YEAR ENDING DECEMBER 31, 1937

In presenting this report of the Street Department activities during 1937, we feel it is interesting to show in addition a comparative report of the works completed during the past nineteen years. The progress in highway construction and maintenance has made necessary large expenditures for drainage structures and bridges.

Comparative report of streets, alleys, sewers, bridges, as of 1918 and 1937 showing works completed by the Street Department during the past nineteen years:

STREET SURFACES

1918		1937
Square Yards	Type	Square Yards
3,850	Oil Treated Water Bound Macadam	375,386
0	Oil Treated Bituminous Macadam	46,515
0	Reinforced Concrete	72,663
14,712	Brick on Concrete Base	14,712
0	Bituminous Concrete	9,251
302,400	Stone and Cinder	69,413
188,200	Clay or Slate	9,500
96,965	Not Opened	8,687

Total—606,127 sq. yds. or 30.936 miles.

ALLEY SURFACES

1918		1937
Miles	Type	Miles
0	Reinforced Cement Concrete	.73
4.10	Macadam	18.90
17.90	Clay or Slate	2.37

Total—22 miles.

UNDERGROUND SURFACE WATER DRAINS

1918			1937
Linear Feet	Type		Linear Feet
2,610	12" Terra Cotta Pipe		2,610
200	18" Terra Cotta Pipe		4,380
0	15" Terra Cotta Pipe		260
2,650	24" Terra Cotta Pipe		4,993
0	36" Terra Cotta Pipe		452
0	12" Concrete Pipe		240
0	15" Concrete Pipe		350
0	18" Concrete Pipe		534
775	24" Concrete Pipe		660
0	36" Concrete Pipe		800
0	18" Iron Pipe		1,050
0	3' x 2.5' Concrete Box		1,662
0	4' x 3' Concrete Box		1,467
0	3' x 3' Concrete Box		8,385
0	4' x 4' Concrete Box		6,726
0	2' x 2' Concrete Box		150
6,235	Totals		34,719
31	Inlets		264

ENGINEERING DEPARTMENT

The office of the Borough Engineer in Chambersburg was created by Ordinance approved by the Burgess and Town Council on June 14, 1909.

The Town Council appoints the Borough Engineer, and they are the judges of what assistants shall be furnished. He shall furnish all engineering for all departments unless otherwise directed by Council: To make profiles and plans of all streets, alleys, sewers, bridges, and to keep proper records of same; To have charge of all Borough property not under the supervision of the Manager of Utilities; To have general supervision over all work of the Street Department and to report monthly to the Borough Council of all works completed; To keep records of locations of water, sewer, and gas pipes; To furnish and supply maps, charts, profiles, plans, specifications, estimates, data, and advice to Town Council, all committees and officers of the Borough.

PUBLIC COMFORT STATION

A Public Comfort Station was built by the Borough of Chambersburg and the Commissioners of Franklin County in 1932 at a total cost of \$10,689.03, and is maintained jointly by them. The operating costs and repairs are divided. In 1937, the costs were \$1,039.46, of which the Borough paid \$529.25. In addition the Borough furnished water and electricity to the amount of \$486.95, and the County Commissioners furnished heat and janitor service, without charge.

Two attendants are employed and are on duty each day during the hours of operation to maintain order and keep the station in an orderly and sanitary condition.

The use made of this station has greatly exceeded the estimates made by the original promoters, and the records kept show that more than 2,000 people attended this station in one day.

PARKS AND PLAYGROUNDS

Small park areas are owned and maintained on Commerce Street, Grandview Avenue, Borough Farm, Memorial Fountain, and Fountain on Glen Street, and in addition the banks of the Conococheague Creek and Falling Spring are maintained and planted by the Borough.

The playground system has been developed in five small playgrounds with Henninger Field as the center of competitive events.

Practically all the playground equipment was purchased by the citizens in the vicinity of each playground and maintained by them until several years ago the Borough accepted the responsibility of all equipment, maintenance, and repairs. Wading pools have been constructed on the Fifth Ward and Stevens Playgrounds. Tennis courts are provided for Stevens, Fifth Ward, and Buchanan Playgrounds as well as at Henninger Field.

The playgrounds and activities are supervised by the Borough Engineer with a girl director at each playground. The programs are designed to have all presentations of activities as a unit, rather than on a competitive basis. The program continues for twelve weeks and consists of athletic activities, dramatics, hand-craft, and music. All competitive contests are held on Henninger Field and Buchanan Playground Athletic Field where two men supervise the contests.

New permanent bleachers were constructed at Henninger Field, bringing the seating capacity to 2,000 persons with portable bleachers accommodating 1,000 more.

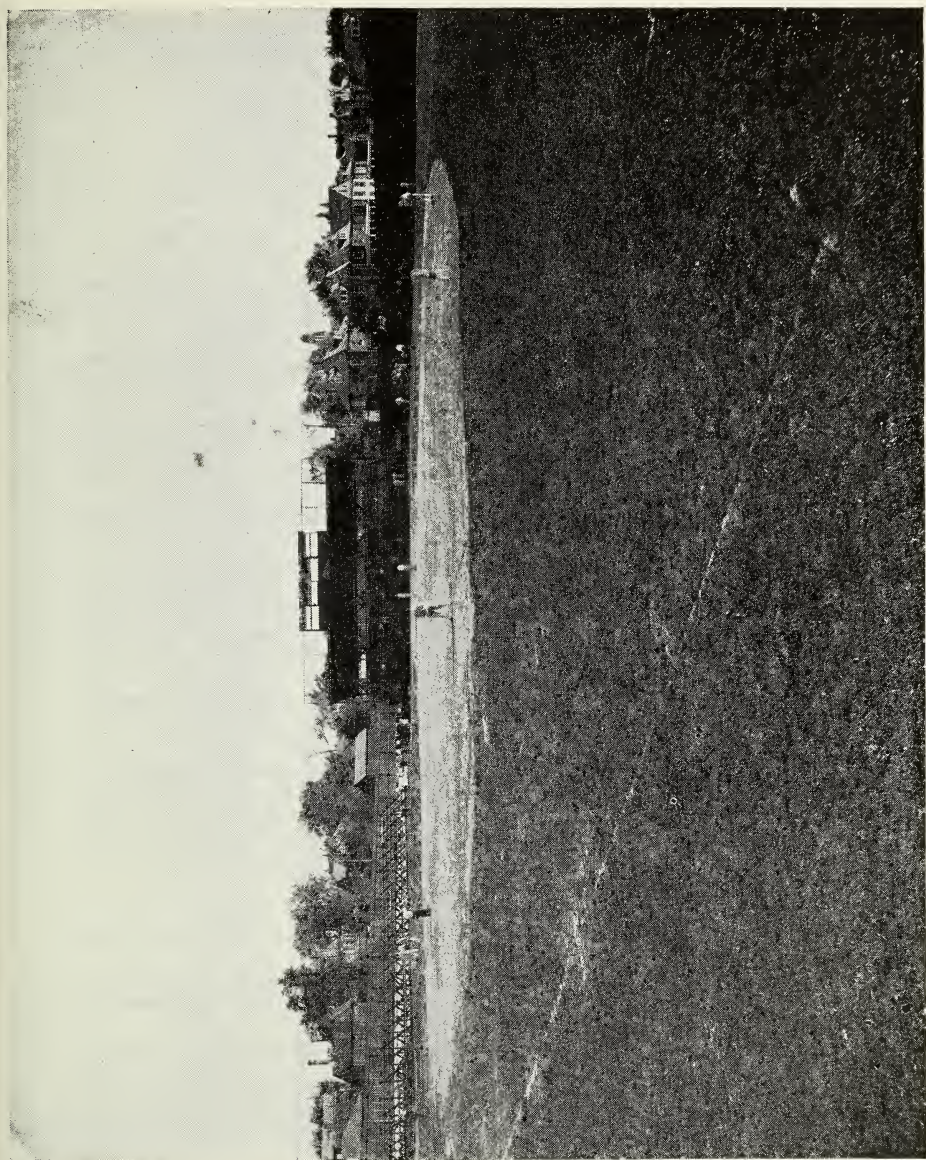
HISTORY OF THE CHAMBERSBURG HEALTH BOARD

The first meeting of the Chambersburg Health Board was held in Council Hall, September 26, 1893. The following men—Dr. Johnston McLanahan, A. J. White, J. Brua Hoyer, and George Denton were sworn in as members by Burgess George A. Wood. Dr. John A. Bouse was appointed Health Officer.

Dr. McLanahan was elected President of the Board, which office he held until October 3, 1912.

Among the first duties of the Board were the enacting of local sanitary measures which, in conjunction with the State regulation, began functioning shortly after its inception.

The Health Board was the outcome of an Act of the General Assembly of May 9, 1893, authorizing Chambersburg such a Board.



HENNINGER FIELD

Those who served as members of this Board until the present date are as follows:

A. J. White	E. E. Foust	Thomas K. Scheller
Dr. John A. Bouse	Dr. J. J. Eckel	Dr. Guy P. Asper
Daniel O. Gehr	Dr. Paul Allen	Dr. B. M. Beattie
Dr. Helen Stewart	Morris Lloyd	J. W. Rearick
Paul Walker	W. O. Nicklas	C. P. Miller
J. Brua Hoyer	Jacob Schaff	Geo. K. Lehner
Capt. W. H. Mackey	Milton McDowell	Herman Kraiss
Daniel Harmony	George Denton	Dr. L. H. Seaton
T. C. Karper	W. L. Ritchey	H. A. Kottcamp
Geo. F. Arris	Dr. H. M. Miley	James C. Clark
A. L. Logue		F. Lester Marshall

Mr. Lloyd succeeded Dr. McLanahan as President in 1914, there being no record from October, 1912 to 1914, and continued in this office until his death in 1932, his successor being Dr. B. M. Beattie.

The duties of the Health Board have varied with conditions of the times, but the main actions have always been the maintaining of sanitary health measures concerning the public.

The records of 1893 show considerable controversy about the keeping of hogs within the Borough. With the advent of the sanitary sewer, the abolishing of cesspools and the connecting of houses to the sewer gave rise to a great many problems.

Contagious diseases and their control have always been one of the chief duties of the Health Board.

Other duties are seeing that the milk supply is brought to the consumer in the best possible condition as a palatable, healthful product, free of preservatives or adulterations, issuing of health certificates to those who work or are employed in restaurants, drug stores, hotels, eating-houses, etc., nuisances affecting the public are corrected and the general civic conditions of the city are observed.

A main feature of the Board's activities during 1934 was the enacting of an ordinance prohibiting the display of food stuff on the sidewalks.

During the year 1937, the Chambersburg Health Board, through its Health Officer, investigated 1,151 calls, issued 444 Health Certificates to employees in places handling food stuffs within the Borough, cared for 156 common nuisances and granted 9 permits to milk dealers. Four hundred and eighty-eight cases of contagious diseases were reported to the Board during the year.

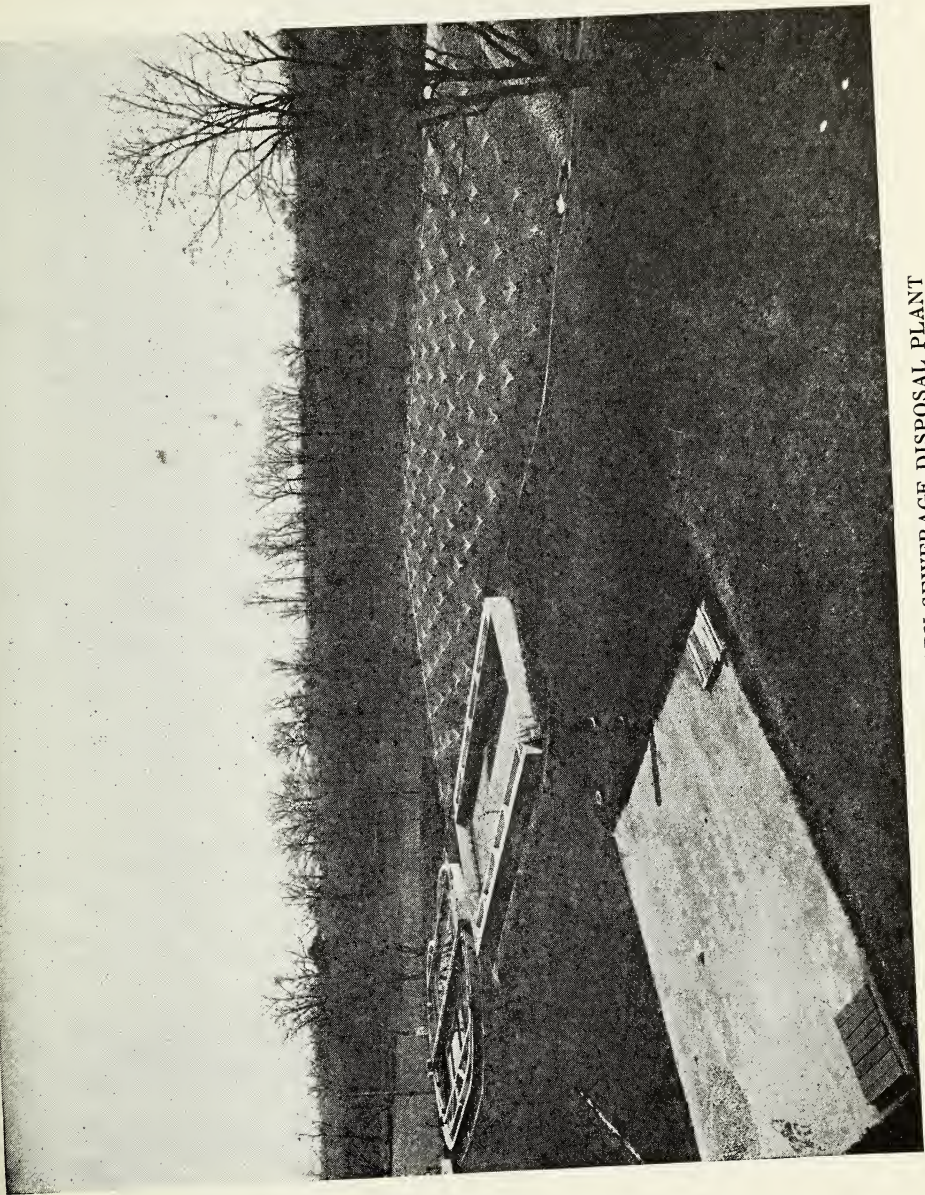
Forty-two connections were made to the Sanitary Sewer.

Sediment testing of milk was made quarterly and the preservative test made annually.

Anyone whose milk registered unsatisfactory on two successive testings were refused the privilege of selling milk within the Borough for local distribution.

The Board meets the last Monday of each month in regular session with additional special meetings.

The members are Dr. B. M. Beattie, President; Dr. L. H. Seaton, Mr. James C. Clark, Mr. Paul Walker, and Mr. F. Lester Marshall.



MUNICIPAL SANITARY SEWERAGE DISPOSAL PLANT

HISTORICAL SKETCH OF CHAMBERSBURG SANITARY SEWER DEPARTMENT

When the Borough of Chambersburg decided in 1910 and 1911 to obtain its water supply from the State Forest at Caledonia, it was necessary to obtain a permit from the Pennsylvania State Health Department, and when the State Health Department issued this permit, it granted to Chambersburg the right to the water of Birch Run, but it also provided that, for this right, the Borough of Chambersburg was to install a Sanitary Sewerage System with a proper disposal plant of a capacity sufficient to take care of the town for twenty years to come.

The same Bond Issue, providing funds for the construction of the water supply line between the mountain and Chambersburg, provided also for sufficient bonds to put in a Sanitary Sewerage System in Chambersburg. This system was constructed and was put in service August 1, 1912, and has performed in a very satisfactory manner ever since. Since the initial installation, there has been another Imhoff tank constructed at the disposal plant, as well as two additional sludge filtering beds. As the building operations developed in the town, new laterals have been run, and at the present time the entire system consists of:

LATERALS

18.628 miles 8"
6.587 miles 10"
.263 miles 12"
.23 miles 15"
.074 miles 18"

Total 25.782 miles

TRUNK LINES

238.0 feet 10"
4,432.5 feet 12"
2,138.3 feet 15"
3,099.4 feet 18"
4,014.9 feet 24"
1,631.2 feet 20" x 30" concrete

Total 15,554.3 feet

At the present time there is a total of 151,790.5 feet or 28.75 miles of sewer, 115 Flush tanks, 653 Manholes, and 2,999 buildings are connected with the system.

For many years this plant was considered the model plant of the State of Pennsylvania by the Pennsylvania State Health Department. There are no charges for sewer service rendered by the Borough of Chambersburg, and this is a rather outstanding achievement when you stop to think that charges for sewer service run from \$8.00 to \$36.00 per year in the State of Pennsylvania.

The State Health Department insists on a very high standard of quality for the effluent from the Disposal Plant, and weekly reports are made to the Department showing each day's operation.

During 1937, many requests were received from property owners for extension of the Sanitary Sewer Service which resulted in a rather heavy construction program. During the year, requests were made for a total of 6,632' of various sizes of street lateral sewers. Of this amount 3,971' were completed, leaving 2,661' for construction during 1938. With what was left of the construction program of 1937, and additional requests for sewer extensions, it would appear as if there would have to be constructed in 1938, 5,100'. All of the construction work done by this department during 1937 was done under WPA Projects on which the Federal Government furnished all of the labor, while the Borough furnished all of the materials. This resulted in a final cost to the property owners of an assessment, on the front foot plan, of approximately 50% of what it would have been otherwise.

The sewers actually constructed in 1937 were as follows:

Coldbrook Avenue	387' of 10" lateral sewer
East Catherine Street	1,060' of 8" lateral sewer
Wayne Avenue	1,774' of 10" lateral sewer
South Fourth Street	750' of 8" lateral sewer

Total	3,971'
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For some years past, it has been realized that the present Sanitary Sewerage Disposal Plant was becoming inadequate to handle the character of sewage that, during the past six years, has been delivered to it, and this is being reflected in the character of the effluent from the plant. With the thought in mind of providing additional treatment plant, studies are being made by Sanitary Engineers, plans and specifications being prepared to improve and enlarge the plant. The probabilities are that the studies, plans and specifications will be completed within the next two months. It is expected that the cost of the additions and changes to the Disposal Plant will approximate \$170,000.00.

The total sewage handled at the Sanitary Sewerage Disposal Plant during 1937 was 448,740,432 gallons. The total cost for the operation and maintenance of the plant during the year 1937 was \$9,512.43. The average cost for handling the sanitary sewage during 1937 was 2.11 cents per 1,000 gallons.

STATEMENT OF RECEIPTS AND EXPENDITURES OF THE BOROUGH OF CHAMBERSBURG, PENNSYLVANIA, FROM JANUARY 1st, 1937, TO JANUARY 1st, 1938

Receipts

Walter P. Bitner, 1937-1938 Tax Duplicate	\$ 6,424.44
George H. Bitner Est., 1936-1937 Tax Duplicate	467.60
George H. Bitner Est., 1935-1936 Tax Duplicate	172.58
George H. Bitner Est., 1934-1935 Tax Duplicate	789.13

George H. Bitner Est., 1933-1934		
Tax Duplicate	14.28	
George H. Bitner Est., 1932-1933		
Tax Duplicate	9.81	
George H. Bitner Est., 1931-1932		
Tax Duplicate .....	.60	
		\$ 7,878.44
Licenses, Circus	\$ 35.00	
Licenses, Peddlers	76.25	
Licenses, Beverages	3,319.75	
Sewer Permits	170.00	
Building Permits	71.00	
Digging Permits	5.50	
		3,677.50
Fines, W. R. Kieffer, Justice of the Peace	\$ 38.00	
Fines, John S. Gillan, Justice of the Peace	74.00	
		112.00
Market Master		233.25
Tax Liens		326.37
Lateral Sewers		2,598.37
Gasoline Pump Permits		275.00
Ambulance Collections		736.45
Pole Tax, W. U. Tel. Co.		15.60
Pole Tax, United Tel. Co.		219.20
Street Paving Liens and Interest	\$ 136.83	
Repairs to Streets	903.16	
Sale of Materials	533.98	
Rental of Equipment	373.50	
Resurfacing Private Driveways and Parking Lots	448.37	
Sale of Equipment	75.00	
Repairs to Sweeper	200.63	
Refund Paving Lien Costs	11.80	
		2,683.27
Commonwealth of Pennsylvania		
Fire Insurance Company Tax		1,585.65
Tennis Court Lighting		13.39
Insurance Refund		247.61
Repairs to Traffic Signals		25.53
Building Sidewalks, Curbs, and Gutters		2,869.02
Rental Henninger Field		345.41
Rental Borough Property		563.09
Sale of Equipment, Police De- partment		63.63
Chambersburg Gas Company Re- fund		31.37
Commonwealth of Pennsylvania (Liquor Fund)		1,650.00
Miscellaneous, General Borough Miscellaneous, Engineering De- partment		145.62
		2.00
Miscellaneous, Fire Department		36.79
Miscellaneous, Police Department		158.57

Miscellaneous, Sewer	156.26	
Transfer authorized by Council from Light Department to Gen- eral Borough Account	142,000.00	
	<hr/>	\$168,649.39

Expenditures

Treasurer's Account Overdrawn January 1, 1937	\$ 3,927.79
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Salaries

Clerks and Bookkeeper	\$ 3,633.28	
Borough Engineer	2,515.00	
Drafting Department	3,712.31	
Treasurer	200.00	
Borough Attorney	1,200.00	
Burgess	360.00	
Auditors	375.00	
Market Master	1,300.00	
	<hr/>	13,295.59

Board of Health

Salary	\$ 1,500.00	
Supplies	168.81	
Donation to Community Nurse ..	75.00	
	<hr/>	1,743.81

Police Department

Salaries	\$ 15,913.20	
Salaries retained for Tuition ...	90.00	
Equipment and Supplies	307.28	
Maintenance and Repairs to Motor Equipment	233.92	
Uniforms	590.50	
Telephone and Telegraph	225.97	
Traffic Signs, Signals, and Re- pairs	607.25	
Fuel	92.50	
Gas and Oil	338.62	
Repairs to Building	55.13	
Insurance	5.31	
Commonwealth of Pennsylvania, Tuition Training School	280.80	
Miscellaneous	133.58	
	<hr/>	18,874.06

Street Department

Maintenance of Streets:	
Patching	\$ 5,547.90
Surface Oiling	3,807.73
Hand Sweeping	2,871.02
Motor Sweeping	1,274.79
Removal of Snow and Ice	404.90

Purchase Plot of Ground	175.00	
Labor and Material Grading Streets	344.40	
Maintenance of Alleys:		
Patching	\$ 2,958.35	
Sweeping	39.70	
Dust Prevention and Weed Removal	660.33	
Grading	174.05	
Maintenance and Repairs—Storm Sewers:		
Cleaning	\$ 259.63	
Repairs	156.32	
Maintenance and Repairs, Bridges	\$ 107.40	
Operation, Maintenance and Repairs to Garage	1,515.88	
Purchase and Repairs of Tools	368.82	
Operation and Repairs to Equipment	3,296.57	
Construction of Streets	12,167.70	
Construction of Alleys	4,491.92	
Construction of Storm Sewers	7,321.08	
Office Supplies, etc.	913.83	
Purchase of Equipment	4,057.15	
Private Work	756.56	
Damages	217.56	
Maintenance and Repairs to Properties	115.29	
Street Commissioner's Salary	841.75	
	<hr/>	54,845.63
Disposal Plant		
Salaries	\$ 1,014.62	
Office Supplies, Printing and Postage	60.99	
Labor	2,985.70	
Gasoline	30.37	
Oil, Waste and Packing	2.37	
Hydrated Lime	651.30	
Fuel	33.35	
Lamps	5.10	
Maintenance and Repairs, Buildings and Grounds	359.04	
Maintenance and Repairs, Pumps	9.60	
Maintenance and Repairs, Tools and Instruments	14.30	
Maintenance and Repairs, Tanks and Filter Beds	640.40	
Maintenance and Repairs, Sludge Beds	1,227.55	
Purchase of Tools and Instruments	5.06	
Improvement Work	1,058.54	
	<hr/>	8,098.29

Sewers

Salaries	\$ 900.00	
Maintenance and Repairs	373.19	
Sewer Inspection	75.12	
Extension of Sewers	12,041.74	
		13,390.05

Fire Department

No. 1 Friendship:

Driver's Salary	\$ 1,805.32	
Supplies	48.67	
Repairs to Equipment	16.50	
Repairs to Building	9.09	
Telephone	24.00	
Laundry	12.27	
Coal	34.00	
Insurance	67.20	
Gas and Oil	20.36	
Miscellaneous	60.39	
		2,097.80

No. 2 Junior:

Driver's Salary	\$ 1,820.32	
Supplies	144.86	
Repairs to Equipment	388.81	
Repairs to Building	852.98	
Telephone	25.64	
Laundry	2.89	
Coal	137.73	
Insurance	134.40	
Gas and Oil	34.60	
Ice	31.45	
New Equipment	71.65	
Miscellaneous	45.90	
		3,691.23

No. 3 Good Will:

Driver's Salary	\$ 2,002.84	
Supplies	342.35	
Repairs to Equipment	47.55	
Repairs to Building	1,798.31	
Telephone	25.80	
Laundry	17.56	
Coal	119.25	
Insurance	134.40	
Gas and Oil	25.28	
Ice	2.85	
Miscellaneous	88.79	
		4,604.98

No. 4 Franklin:

Driver's Salary	\$ 1,805.76	
Supplies	87.73	
Repairs to Equipment	50.90	
Repairs to Building	402.22	

Telephone	25.80	
Laundry	10.36	
Coal	146.40	
Insurance	134.40	
Gas and Oil	22.49	
Ice	15.35	
Miscellaneous	115.82	
		2,817.23

No. 5 Cumberland Valley:

Driver's Salary	\$ 1,805.76	
Supplies	35.22	
Repairs to Equipment	41.00	
Repairs to Building	390.59	
Telephone	25.80	
Laundry	9.30	
Coal	64.46	
Insurance	67.20	
Gas and Oil	14.73	
Miscellaneous	70.57	
		2,524.63

General Fire Department

Maintenance and Repairs to Alarm System	\$ 534.62	
Miscellaneous	13.92	
		548.54

Miscellaneous

Office Supplies, Printing and Postage	\$ 1,549.04	
Supplies, Engineering Department	650.62	
Farm, Maintenance	360.49	
City Hall, Maintenance	1,179.13	
Insurance, Fire and Accident	2,180.16	
Maintenance and Repairs, Parks and Playgrounds	3,148.86	
Purchase and Improvements, Parks and Playgrounds	1,363.53	
Premium Surety Bonds	255.00	
Recording Liens, etc.	212.10	
Coyle Free Library	2,500.00	
Maintenance and Repairs to Ambulance	489.00	
Investigation Gas Company Rates before Public Service Commission	6,557.35	
Telephone	293.05	
Maintenance, Comfort Station ..	529.25	
WPA Projects	3,789.51	
Maintenance of Incinerator	360.00	
Tax Collector's Commission	252.12	
Transfer to Borough Fire Fund ..	5,000.00	
Telephone Rental, Secretary ...	27.00	

Appropriation Spanish War Veterans and Memorial Day Expenses	75.00		
Printing and Postage, Tax Collector	94.00		
Dues, Borough Association	17.00		
Expenses, Borough Convention	177.21		
Fire Insurance Tax Refund	1,585.65		
Compiling Borough Ordinances	1,750.00		
Grading Lot—Third Street	194.51		
Purchase of Lot, Poplar Avenue	556.15		
Traffic Survey Committee	319.83		
Recording Deeds and Affidavit	3.50		
Christmas Lighting	57.48		
Commission on Rent, Borough Property	39.30		
Counting Poles	5.51		
Changing Ornamental Globes	10.82		
Expenses, Borough Solicitor	248.75		
Expenses, Clean-up Week	202.90		
Expense—Ripper Bill	100.00		
Books, Treasurer and Solicitor	45.20		
Miscellaneous	139.67		
		36,318.69	
Balance in hands of Treasurer, January 1, 1938		1,871.07	
			\$168,649.39

BOROUGH FIRE FUND

January 1, 1937, Balance in Fire Fund	\$ 21,489.95		
\$5,000.00 Bonds of Borough of Mercersburg	5,100.15		
Transfer from General Borough Account	5,000.00		
Interest, Bank Balance	480.02		
Interest, Coupons on Bonds	212.50		
		\$ 32,282.62	
\$5,000.00 Bonds of Borough of Mercersburg	\$ 5,100.15		
Balance in Fire Fund Account, January 1, 1938	27,182.47		
		\$ 32,282.62	

TAX COLLECTOR'S ACCOUNT

Dr.	Borough	Bond	Borough	Bond	Total
Duplicate 1928-1929 as shown by Auditors' Report January 1, 1937					\$ 202.62

Cr.

January 1, 1938,
Balance out-
standing on du-
plicate jointly
collected by
Geo. H. Bitner
and Paul D.
Tarnier

\$ 202.62

Dr.

Duplicate 1931-
1932 as shown
by Auditors'
Report January
1, 1937
Liens subtracted
in error (1935)

\$ 1,395.42 \$ 779.80

466.91 479.07

\$ 1,862.33 \$ 1,258.87

Cr.

Liens entered in
December 1934 \$ 1,035.89 \$ 740.44

A m o u n t p a i d
Treasurer by
Geo. H. Bitner
Estate

.60 .37

Exonerations al-
lowed by Coun-
cil

\$ 825.84 \$ 518.06 \$ 1,862.33 \$ 1,258.87

Dr.

Duplicate 1932-
1933 as shown
by Auditors'
Report January
1, 1937

\$ 887.75 \$ 930.13

Taxes Collected,
previously ex-
onerated

.67 .67

\$ 888.42 \$ 930.80

Cr.

Liens entered in
1935 (Deducted
from 1931 in
error)

\$ 466.91 \$ 479.07

A m o u n t p a i d
Treasurer by
Geo. H. Bitner
Estate

\$ 9.81 \$ 11.11

Exonerations allowed by Council	411.70	440.62	\$	888.42	\$	930.80
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Dr.

Duplicate 1933-1934 as shown by Auditors' Report January 1, 1937	\$	7.80	\$	36.85		
Taxes Collected, previously exonerated		6.48		6.34	\$	14.28 \$ 43.19

Cr.

Amount paid Treasurer by Geo. H. Bitner Estate				\$	14.28	\$ 43.19
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Dr.

Duplicate 1934-1935 as shown by Auditors' Report January 1, 1937				\$	2,005.64	\$ 2,069.47
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Cr.

Amount paid Treasurer by Geo. H. Bitner Estate	\$	789.13	\$	851.46		
Liens entered during 1937 ..		618.97		632.81	1,408.10	1,484.27
Balance to be collected January 1, 1938				\$	597.54	\$ 585.20

Dr.

Duplicate 1935-1936 as shown by Auditors' Report January 1, 1937				\$	629.15	\$ 2,108.28
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Cr.

Amount paid Treasurer by Geo. H. Bitner Estate	\$	172.58	\$	510.11		
Liens entered during 1937 ..		154.00		461.50	\$	326.58 \$ 971.61

Balance to be collected January 1, 1938	\$	302.57	\$	1,136.67
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Dr.

Duplicate 1936-1937 as shown by Auditors' Report January 1, 1937	\$	1,073.27	\$	3,281.27
Penalty added 5%		46.47		142.41
		<hr/>		
			\$	1,119.74 \$ 3,423.68

Cr.

Amount paid Treasurer by Geo. H. Bitner Estate	\$	467.60	\$	1,384.52
Liens entered during 1937 ..		159.91	479.28	\$ 627.51 \$ 1,863.80
		<hr/>		
Balance to be collected January 1, 1938	\$	492.23	\$	1,559.88

Dr.

Duplicate 1937-1938	\$	7,887.47	\$23,680.83
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Cr.

Amount collected to November 1, 1937	\$	6,348.09	\$19,034.02
Abatement on amount collected to November 1, 1937		334.10	1,001.78
Collected November 1, 1937, to January 1, 1938		76.35	221.28
			\$ 6,758.54 \$20,257.08
		<hr/>	
Balance to be collected January 1, 1938	\$	1,128.93	\$ 3,423.75

SUMMARY TAX DUPLICATE

	Borough	Bond	Borough and Bond	Total
January 1, 1938, Duplicate 1928-1929			\$	202.62
January 1, 1938, Duplicate 1934-1935	\$	597.54	\$	585.20

January 1, 1938, Duplicate 1935-1936	302.57	1,136.67		
January 1, 1938, Duplicate 1936-1937	492.23	1,559.88		
January 1, 1938, Duplicate 1937-1938	1,128.93	3,423.75		
	<u>\$ 2,521.27</u>	<u>\$ 6,705.50</u>	<u>\$ 202.62</u>	<u>\$ 9,429.39</u>

STATEMENT BOND DEPARTMENT

Receipts

Balance in hands of Treasurer January 1, 1937		\$14,324.80	
Tax Duplicate 1931-1932, Geo. H. Bitner Estate	\$	.37	
Tax Duplicate 1932-1933, Geo. H. Bitner Estate		11.11	
Tax Duplicate 1933-1934, Geo. H. Bitner Estate		43.19	
Tax Duplicate 1934-1935, Geo. H. Bitner Estate		851.46	
Tax Duplicate 1935-1936, Geo. H. Bitner Estate		510.11	
Tax Duplicate 1936-1937, Geo. H. Bitner Estate		1,384.52	
Tax Duplicate 1937-1938, Walter P. Bit- ner		19,255.30	
		<u>\$22,056.06</u>	<u>\$36,380.86</u>

Expenditures

Bonds Redeemed	\$19,000.00	
Interest Paid (Coupons)	5,048.50	
State Tax	78.85	
Commission Account Corporate Loan Report (C. E. Fogelsanger)	4.15	
Geo. H. Bitner Estate, Commissions	89.60	
Walter P. Bitner, Commissions	616.17	
Balance in hands of Treasurer January 1, 1938	11,543.59	
	<u>\$36,380.86</u>	

BOND DEPARTMENT—SINKING FUND

January 1, 1937, Balance in Sinking Fund (Four Banks)	\$3,921.64	
Interest Received (Four Banks)	125.26	
	<u>\$4,046.90</u>	
Balance in Sinking Fund (Four Banks), January 1, 1938	\$4,046.90	
	<u>\$4,046.90</u>	

TAX LIENS

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Interest</i>	<i>Total</i>
Balance to be collected January 1, 1937	\$ 3,140.36	\$ 2,527.52	\$ 27.33		\$ 5,695.21
Liens entered during 1937 ..	932.88	1,573.59		\$ 12.21	2,518.68
	4,073.24	4,101.11	27.33	12.21	8,213.89
Amount collected during 1937 ..	167.34	146.82		12.21	326.37
	\$ 3,905.90	\$ 3,954.29	\$ 27.33	\$ 0.00	\$ 7,887.52
Exonerated from Penalty	2.91	2.75			5.66
Balance to be collected	\$ 3,902.99	\$ 3,951.54	\$ 27.33	\$ 0.00	\$ 7,881.86

LATERAL SEWER ASSESSMENTS

Balance to be collected January 1, 1937	\$ 395.07
Assessments made in 1937	784.94
Interest Accrued	9.51
	<u>\$1,189.52</u>
Collected during 1937	\$1,139.61
Interest collected in 1937	9.51
Liens entered in 1937	40.40
	<u>\$1,189.52</u>

LATERAL SEWER LIENS

Balance to be collected January 1, 1937	\$7,321.28
Sewer Assessments entered as Liens	40.40
Interest Accrued	585.97
Costs Accrued	36.35
	<u>\$7,984.00</u>
Collected during 1937	\$ 842.88
Interest collected in 1937	606.37
Interest exonerated by Council	1.63
Costs collected in 1937	36.35
Balance to be collected January 1, 1938	6,496.77
	<u>\$7,984.00</u>

PAVING LIENS

Balance to be collected January 1, 1937	\$3,177.39
Liens entered in 1937	155.32
Interest accrued	208.45
Costs accrued	21.50
	<u>\$3,562.66</u>

Collected during 1937	\$ 705.35	
Interest collected in 1937	209.83	
Costs collected in 1937	21.50	
Balance to be collected January 1, 1938	2,625.98	
		<u>\$3,562.66</u>

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,
Auditors

HISTORICAL SKETCH OF CHAMBERSBURG WATER DEPARTMENT

The first attempt made to furnish water, under pressure, to the citizens of Chambersburg, was made by the Chambersburg Water Company, of which Mr. James Riddle was President, in 1817. This company furnished water, under pressure, through a wooden pipe system, which consisted simply of pine logs with suitable hole bored through them from end to end and the logs fastened together end to end. Water was furnished until 1875 or 1876. The pump for this system was located on the South side of the Falling Spring at a point almost directly in line with the buildings of the Chambersburg Hospital and the dwelling house on the farm now owned by Mr. T. B. Wood, and was driven by a water wheel. The reservoir was located where the present buildings of the Chambersburg Hospital now stand, and during the construction of the new portion of the Hospital, traces of the old reservoir structure were uncovered, and some of the old wooden pipe was dug up. The pressure under which this water was furnished must have, of necessity, been quite low, and the old records show that the system, as a whole, was not satisfactory.

On March 1, 1875, the following men were elected to the Chambersburg Town Council: W. B. Gilmore, Jacob H. Miller, Samuel M. Worley, J. P. Culbertson, John C. Gerbig, John Suesserote, Thomas Cook, and David Harmony with G. W. Nitterhouse as Burgess. On July 17, 1875, this body took action setting Friday, August 20, 1875, as an election day for voting on a bond issue not to exceed \$60,000.00, for the purpose of erecting a suitable water works. This election was duly held, and the official count reported at a special meeting of Council held August 21, 1875, was as follows:

In favor of the Bond Issue	648
Not in favor of the Bond Issue	317

This was the beginning of the Borough of Chambersburg entering into the business of supplying water to its citizens.

Bids were received for the necessary equipment on September 25, 1875, and the contract was awarded to H. P. M. Birkenbine at a price of \$53,850.00, which covered a one million gallon pump, boiler, one million gallon reservoir, 28 fire plugs, 5,400 feet of 10 inch pipe, 1,750 feet of 8 inch pipe, 7,693 feet of 6 inch pipe, and 18,500 feet of 4 inch pipe, or a total of 6.3 miles of pipe. It is a matter of some interest to

note that all of this old pipe and some of the old Birkenbine fire plugs are still in service in Chambersburg today.

This action on the part of the Borough was contested by the Chambersburg Water Company, but, in the end, all of the actions of Council were upheld by the Courts.

This first pumping plant, a steam operated one, was located on the West Bank of the Conococheague Creek almost directly opposite the foundry of the Wolf Company, and has always been known locally as the Birkenbine Pumping Plant. In 1891, a water driven pumping plant was installed at the C. B. Gish mill, afterward known as Siloam, and another reservoir constructed with a capacity of 2,000,000 gallons, on the farm of Joseph Horst. A 2,000,000 gallon steam pumping plant is held in readiness to operate at Siloam and can be placed in service in 10 hours in an emergency.

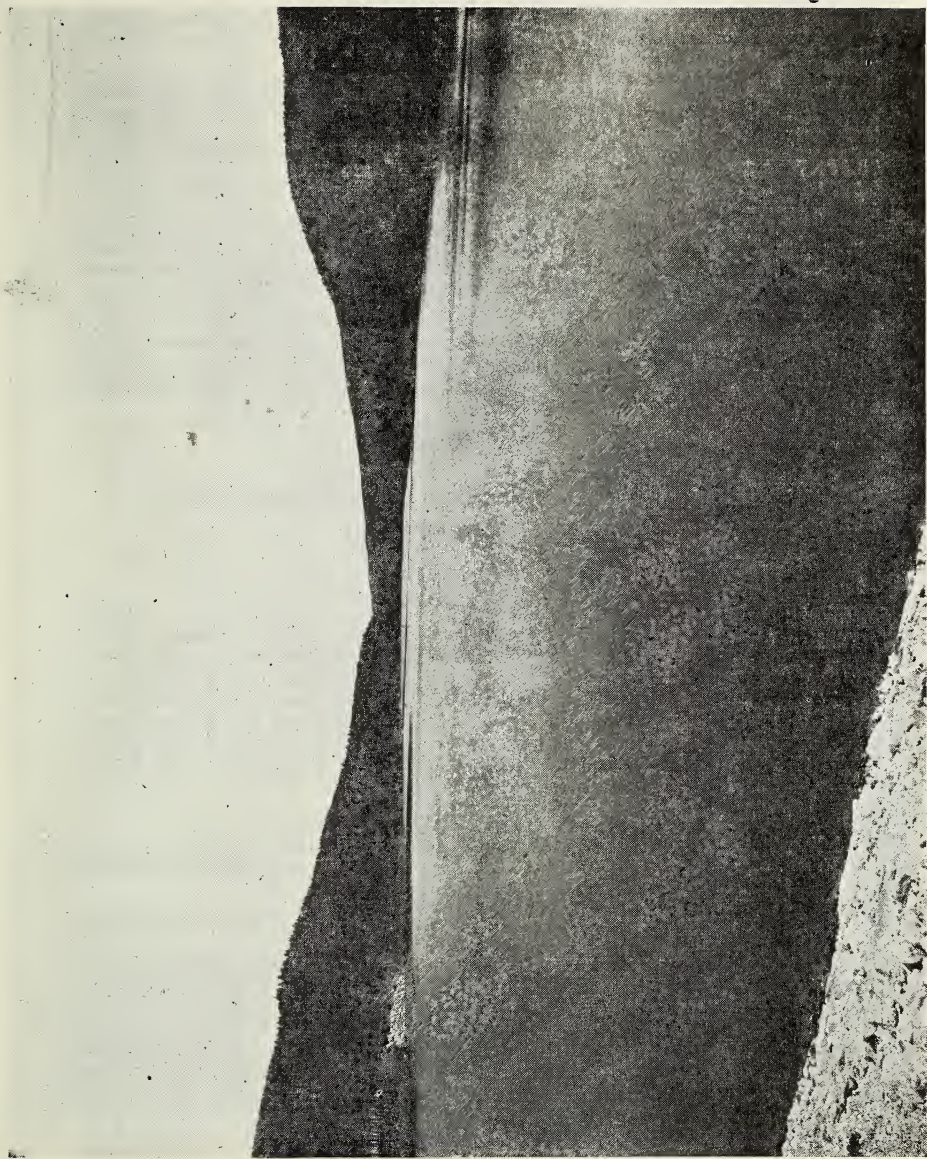
In 1910 and 1911, the Conococheague Creek at Siloam, as a source of water supply was abandoned by the Borough, and a supply brought in by gravity from the State Forest at Caledonia. This was a vast improvement over any of the other supplies that the Borough of Chambersburg had been using, but the last three years drought brought very forcibly to the attention of the authorities that the supply might under certain conditions, become quite inadequate. To guard against any shortage of water that might possibly occur, the Borough of Chambersburg proceeded to build a storage dam, at Caledonia across the Birch Run Valley, which will hold 387,000,000 gallons of water. This dam will be held entirely full at all times for emergency purposes, and will supply the town, when using 2,000,000 gallons of water per day, for 193 days if there was not a drop of water flowing into the dam in all that time.

As the growth of the town made necessary the extending of the original distributing system, false economy added mains that were much too small, and the result of this practice was that there were three very low pressure areas in the town. One of these low pressure areas was in the extreme Southern end of town, another in the extreme Western end, and another in the extreme Northern end. To correct this very serious condition, in 1932 a 12-inch feeder main was laid from a point immediately East of the Borough Limits to the intersection of Scotland Avenue and Pennsylvania Avenue, and a 10-inch feeder main was laid from this point to Philadelphia Avenue and Pennsylvania Avenue, a total distance of approximately 11,769 feet, at a total cost of \$33,511.00.

In 1933 a similar feeder main was laid from the same point at the Eastern edge of town to Wayne Avenue and South Fourth Street, and an 8-inch feeder main was laid from South Fourth and McKinley Streets to Central Avenue and McKinley Street. This was a total length of feeder mains of 9,700 feet and cost \$24,500.00.

The major activity in this department during 1937, was the reconstruction of the spillway channel at the Water Impounding Dam at Caledonia. On April 26, 1937, after an unusually heavy rainfall, approximately 400' of the lower part of the spillway channel paving was destroyed. The design of the new spillway and paving was very materially changed from the old design, and the actual construction was entirely different. The completed channel and paving, as constructed, will take care of several times as much water as has ever passed over the spillway, and it is felt that the problem has been solved permanently. The cost of this work was \$38,500.00.

The work on the duplicate feeder line from the intake to Chambersburg has been completed at a total cost of \$217,386.47. The original



387,000,000 GALLON IMPOUNDING RESERVOIR

estimate for this work was \$225,546.00. Of the \$217,386.47, there was received from the Federal Government a cash contribution amounting to \$97,896.31 which left \$119,490.16 to be paid by the Borough. The Borough of Chambersburg was remarkably fortunate in being in such a financial condition that it could take advantage of the various Federal Grants that have been offered from time to time.

During the year, the following water main extensions were constructed on the front foot assessment plan:

East Catherine Street	1,085.5' of 8" line
Wolf Avenue	467' of 6" line

The total cash and credits in this Department for 1937 were \$62,098.08, and the total operating and non-operating expenses were \$27,043.34, including depreciation amounting to \$10,027.77, which leaves a total gross profit, exclusive of interest charges, of \$35,054.74.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this Department, after the making of a complete appraisal. The Reproduction Value New less accrued depreciation, as of December 31, 1937, is \$1,134,089.21.

PHYSICAL DATA OF BOROUGH OF CHAMBERSBURG WATER DEPARTMENT

JANUARY 1, 1938

Population of Borough	14,000
Area of Water Shed	17.75 Square Miles
Elevation of Impounding Reservoir	1091.75 Feet above Sea Level
Elevation of Intake Dam	975 Feet above Sea Level
Elevation of Dull Hill Reservoir	801 Feet above Sea Level
Elevation of Horst Reservoir	712 Feet above Sea Level
Elevation of Reservoir Hill Reservoir	707 Feet above Sea Level
Elevation of Memorial Square	615 Feet above Sea Level
Total Head from Intake to Town	360 Feet

Present 24 Hour Capacity from Michaux State Forest by Gravity with 40 Pounds Average Pressure in Chambersburg	5,500,000 Gallons
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Emergency Steam Operated Plant at Siloam, Capacity	2,500,000 Gallons in 24 Hours
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Storage Capacity of Impounding Reservoir	387,000,000 Gallons
Storage Capacity of Dull Hill Reservoir	2,200,000 Gallons
Storage Capacity of Horst Reservoir	2,000,000 Gallons
Storage Capacity of Reservoir Hill Reservoir	1,000,000 Gallons
Storage Capacity of Stand Pipe	55,000 Gallons
Total Storage Capacity	392,255,000 Gallons
Days Supply @ 1,790,844 G. P. D. if no water came from Mountain .	2.93

Days Supply @ 1,790,844 G. P. D. in Impounding Reservoir	216.10
Total Days Supply Stored @ 1,790,844 G. P. D.	219.03

Miles of mains in Borough Limits

14 Inch	0.42 Miles	4 Inch	11.65 Miles
12 Inch	2.53 Miles	2 Inch	0.65 Miles
10 Inch	4.05 Miles	1½ Inch	0.18 Miles
8 Inch	4.36 Miles	1 Inch	0.37 Miles
6 Inch	11.87 Miles		

Total of All Mains in Borough Limits 36.08 Miles

Miles of Mains outside Borough Limits

16 Inch	2.43 Miles	6 Inch	1.03 Miles
14 Inch	17.81 Miles	4 Inch .....	.09 Miles
12 Inch	1.29 Miles		

Total of all Mains outside Borough Limits 22.65 Miles

Total of all Mains inside and outside Borough Limits 58.73 Miles

Total Number of Fire Hydrants on System 216

Total Number of Sewer Flush Tanks on System 115

Active Services

8 Inch	5	1½ Inch	20
6 Inch	10	1¼ Inch	30
4 Inch	24	1 Inch	219
3 Inch	4	¾ Inch	3,054
2½ Inch	1	½ Inch	92
2 Inch	32		

Total of All Active Services 3,491

Inactive Services

2 Inch	4	¾ Inch	74
1 Inch	12	½ Inch	2

Total of all Inactive Services 92

Total of Active and Inactive Services 3,583

Valves inside Borough Limits 584

Valves outside Borough Limits 80

Total Valves in System 664

Number of Domestic Consumers inside Borough Limits 3,157

Number of Domestic Consumers outside Borough Limits 179

Total Number of Domestic Consumers 3,336

Number of Industrial Consumers 43

Number of Railroad Consumers 4

Number of Public Consumers 38

Number of Free Consumers 27

Total Number of Metered Consumers—Active 3,448

Meters on System January 1, 1938

8 Inch	4	1½ Inch	26
6 Inch	6	1¼ Inch	2

4 Inch	14	1 Inch	2
3 Inch	12	$\frac{3}{4}$ Inch	9
2 Inch	26	$\frac{5}{8}$ Inch	3,29
Total Number of Meters on System			3,51
Data for Year 1937			
Total Cubic Feet Registered by Master Meters	87,154,40		
Total Cubic Feet Furnished Domestic Consumers	28,783,63		
Total Cubic Feet Furnished Industrial Consumers	20,001,34		
Total Cubic Feet Furnished Railroad Consumers	8,211,77		
Total Cubic Feet Furnished Public Consumers	4,758,48		
Total Cubic Feet Furnished Free Consumers	3,445,90		
Estimated Total Cubic Feet Furnished for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	5,110,00		
Total Cubic Feet Accounted for	70,311,14		
Total Cubic Feet Lost between Master Meter and Consumer ..	16,843,25		
Percentage Lost between Master Meter and Consumer	19.3%		
50% of Loss is in Mains	8,421,62		
45% of Loss is in Service Pipes	7,579,46		
5% of Loss is due to under-registration of Meters	842,16		
Average Cubic Feet Registered by Master Meter per Day ..	238,77		
Average Cubic Feet Used by Consumers per Day	192,63		
Average Cubic Feet Unaccounted for per Day	46,14		
Average Gallons Registered by Master Meter per Day	1,790,84		
Average Gallons per Day per Domestic Consumer	17		
Average Gallons per Day per Industrial Consumer	9,55		
Average Gallons per Day per Railroad Consumer	42,18		
Average Gallons per Day per Public Consumer	2,57		
Average Gallons per Day per Free Consumer	2,62		
Estimated Average Gallons Used per Day for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	105,00		
Average Gallons per Day Used for all Purposes	1,444,74		
Average Gallons per Day Unaccounted for	346,09		
Average Gallons per Capita per Day Domestic	42		
Average Gallons per Capita per Day Industrial	29		
Average Gallons per Capita per Day Railroad	12		
Average Gallons per Capita per Day Public	7		
Average Gallons per Capita per Day Free	5		
Average Gallons per Capita per Day Flushing Fire Hy- drants, etc.	7		
Total Average Gallons per Capita per Day Consumption ..	103		
Received from Water Sale for Domestic Purposes Inside Borough	\$32,410.1		
Received from Water Sale for Domestic Purposes Outside Borough	\$ 3,657.6		
Total Received from Water Sale for Domestic Purposes ...	\$36,067.7		
Total Received from Water Sale for Industrial Purposes ..	\$ 9,433.6		
Total Received from Water Sale for Railroad Purposes	\$ 2,611.2		
Total Received from Water Sale for Public Purposes	\$ 2,301.6		

Total Received from Sale of Meters, Cocks, and Accessories .	\$ 3,748.30
Total Received from All Sources	\$54,162.66
Total Credits for Water Furnished Free Consumers and other Borough Departments	\$ 7,935.42
Total Receipts and Credits	\$62,098.08
Cash Receipts from Water Sale for All Purposes 1937	\$50,414.36
Cash Receipts from Water Sale for All Purposes 1936	\$48,578.99
Increase in Receipts from Water Sale for the Year	\$ 1,835.37
Cash Receipts from Sale of Meters, Cocks, and Accessories 1937	\$ 3,748.30
Cash Receipts from Sale of Meters, Cocks, and Accessories 1936	\$ 3,616.66
Increase in Receipts from Sale of Meters, etc., for the Year ..	\$ 131.64
Average Received per 1,000 Cubic Feet from Domestic, In- cluding Minimum Charges	\$ 1.25
Average Received per 1,000 Gallons from Domestic, Includ- ing Minimum Charge	\$.17
Average Received per 1,000 Cubic Feet from Industrial, In- cluding Minimum Charges	\$.47
Average Received per 1,000 Gallons from Industrial, Includ- ing Minimum Charges	\$.06
Average Received per 1,000 Cubic Feet from Railroads, In- cluding Minimum Charges	\$.32
Average Received per 1,000 Gallons from Railroads, Includ- ing Minimum Charges	\$.04
Average Received per 1,000 Cubic Feet from Public, Includ- ing Minimum Charges	\$.48
Average Received per 1,000 Gallons from Public Including Minimum Charges	\$.06
Average Received per Quarter per Domestic Inside Borough	\$ 2.57
Average Received per Quarter per Domestic Outside Borough	\$ 5.11
Average Received per Quarter per Public Consumer	\$ 15.14
Average Received per Month per Industrial Consumer	\$ 18.28
Average Received per Month per Railroad Consumer	\$ 54.40
Received from Water Sale per Mile of Main Inside Borough	\$ 1,295.92
Received from Water Sale per Mile of Main Outside Borough	\$ 161.49
Received from Water Sale per Mile of Main Inside and Out- side Borough Limits	\$ 858.41
Total Lost in Bad Accounts, 1937	0.00
Percent Lost in Bad Accounts, 1937	0.00
Receipts and Credits for 1936	\$59,895.00
Receipts and Credits for 1937	\$62,098.00
Increase for the Year	\$ 2,203.00

RATES FOR WATER

Within Borough Limits

	Rate Per 1,000 Cu. Ft.
First 20,000 Cu. Ft. used per Month	\$1.00
Next 400,000 Cu. Ft. used per Month	0.30
All over 420,000 Cu. Ft. used per Month	0.28

Minimum Charges

Single houses, or dwelling, shall pay a Minimum Charge of \$1.50 per Quarter.

Double houses served by one meter shall pay a Minimum Charge of \$3.00 per Quarter.

Industries and Railroads shall pay a Minimum Charge of \$0.50 per Month for each and every service.

All Charges are payable net on, or before, the 25th of the Month following the end of the Month or Quarter. If not paid on, or before the 25th of the Month following the end of the Month or Quarter, a penalty of five (5%) per cent shall be added.

If bills are not paid on, or before, the 30th, of the Month following the Month or Quarter for which the bill was rendered, the water will be turned off.

Outside of Borough Limits

Per Thousand Cubic Feet \$2.50

Minimum Charges

Single houses outside of the Borough—\$2.35 per Quarter.

Double houses outside of the Borough—\$4.70 per Quarter.

The same regulations shall apply, and the same penalties shall be inflicted for non-payment as provided for within the Borough.

BALANCE SHEET WATER DEPARTMENT

Assets

Fixed Capital

Fixed Capital Installed	\$1,266,221.17	
Construction Work in Progress	32,515.22	
	<hr/>	\$1,298,736.39

Current Assets

Cash (Borough Treasurer's Account)	\$ 580.48	
Accounts Receivable from Consumers	10,436.28	
Materials and Supplies	4,581.73	
Cash (Borough Treasurer's Account) P. W. A. Construction Fund	859.69	
	<hr/>	16,458.18
		<hr/>
		\$1,315,194.57

Liabilities

Municipal Ownership

Net Worth Water Department, December 31, 1937 .	\$ 920,386.19
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Funded Debt

Bonds 4½ % Serial Bonds .	69,000.00
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Current Liabilities

Assessments for Line Construction	\$ 8,710.80	
Advance from Electric Light Department	65,563.64	
	<hr/>	74,274.44

Accrued Liabilities

Unmatured interest accrued on Unfunded Debt	1,572.25
---	----------

Reserves

Reserve for Renewals and Replacements	132,131.96
---	------------

Surplus

Unappropriated Surplus ..	117,829.73	
Total Liabilities	<hr/>	\$1,315,194.57

RECAPITULATION OF NET WORTH

Net Investment, December 31, 1936	\$ 808,453.81
---	---------------

Additions

W. P. A. Labor Construction Contribution from U. S. Treasury	\$ 1,945.67	
Adjustment on Outstanding Bonds	18,986.71	
Bonds Redeemed by Borough Treasurer to December 31, 1937	18,500.00	
	72,500.00	
	<hr/>	111,932.38

\$ 920,386.19

Earned Surplus, December 31, 1937	117,829.73
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Net Worth, December 31, 1937	\$1,038,215.92
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REVENUE AND EXPENSE STATEMENT

WATER DEPARTMENT

Operating Revenues

Metered Domestic Sales ...	\$ 32,395.24
Metered Commercial Sales .	6,424.91
Metered Industrial Sales ...	12,765.25
Metered Public Sales	2,435.05

Sales for Private Fire Protection	66.82	
Consumer's Discounts Forfeited and Penalties Imposed	107.19	
Total Operating Revenues ..		\$ 54,194.46

Operating Expenses

Water Collection System:

Operating Labor	\$ 395.96	
Maintenance	1,071.64	
		\$ 1,467.60

Purification System:

Operating Labor	\$ 789.23	
Supplies and Expenses ...	1,439.41	
Maintenance	47.52	
		2,276.16

Pumping System:

Operating Labor	\$ 76.44	
Supplies and Expenses ...	63.75	
Maintenance	694.92	
		835.11

Distribution System:

Operating Labor (General) ..	\$ 622.98	
Operating Labor (Reservoir)	413.15	
Maintenances of Mains and Pipes	582.51	
Maintenance Reservoirs	513.09	
Maintenance Meters, etc. ..	611.34	
Maintenance, Other Distribution Property	443.42	
		\$ 3,186.49

General Expenses

Office Salaries	\$ 5,091.51	
Salaries of Meter Readers ..	802.28	
Office Supplies and Expenses	351.75	
Other General Property Expenses	503.08	
Taxes	259.22	
Other General Expenses	9.60	
Insurance	419.89	
Maintenance of General Properties	452.26	
Depreciation	10,027.77	
		17,917.36
Total Operating Expenses		\$ 25,682.72

INCOME STATEMENT

WATER DEPARTMENT

Operating Revenues \$ 54,194.46

Operating Expenses

Water Collection System ...	\$ 1,467.60	
Purification System	2,276.16	
Pumping System	835.11	
Distribution System	3,186.49	
General Operating Expenses	17,917.36	
Total Operating Expenses ..		\$ 25,682.72

Net Operating Income \$ 28,511.74

Non Operating Revenues ... \$ 1,888.94

Non Operating Expenses ... 1,360.62

Net Non Operating Income . 528.32

Total Net Income \$ 29,040.06

Net Income Deductions

Interest \$ 2,293.89

Free Water to Borough 1,970.02

4,263.91

Balance of Net Income \$ 24,776.15

ANALYSIS OF FIXED CAPITAL

WATER DEPARTMENT

	Balance Jan. 1, 1937	Additions 1937	Balance Dec. 31, 1937
Organization	\$ 11,024.28		\$ 11,024.28
Siloam Property	4,595.00		4,595.00
Water Collection System, Rights of Way	3,143.00		3,143.00
Water Collection System, Water Division Rights ..	40,400.00		40,400.00
Water Collection System, Impounding Reservoirs ..	141,477.66		141,477.66
Water Collection System, Collecting Reservoirs ...	51,084.39		51,084.39
Water Collection System, Aqueducts and Supply Mains	190,566.53	\$ 217,001.76	407,568.29
Purification System, Chemi- cal Treatment Plant	2,799.63		2,799.63
Purification System, Testing Equipment	31.50		31.50
Pumping System Structures	5,208.85		5,208.85
Pumping System Pumps, etc.	12,469.80		12,469.80
Distribution System, Rights of Way	404.00		404.00

Distribution System, Storage Reservoirs	11,994.02		11,994.02
Distribution System, Mains ..	379,980.34	6,850.35	386,830.69
Distribution System, Fire Hydrants	23,198.24	314.43	23,512.67
Distribution System, Fountain and Drinking Fountains	11,107.75		11,107.75
Other General Structures ..	3,329.00		3,329.00
General Office Equipment ..	644.81		644.81
Other General Equipment ..	5,557.33	138.34	5,695.67
Engineering and Superintendence During Construction	33,566.50		33,566.50
Administration and Legal Expenses during Construction	11,024.28		11,024.28
Interest During Construction	34,065.04		34,065.04
Development Costs	63,913.91		63,913.91
Transmission Mains		330.43	330.43
Totals	\$1,041,585.86	\$ 224,635.31	\$1,266,221.17

WATER DEPARTMENT—CREDIT ACCOUNTS 1937

Metered Water, Light Plant \$	480.33	
Metered Water, Fire Houses	71.18	
Market House, Meter Room and Police Headquarters ..	122.00	
Memorial Fountains	400.85	
Comfort Station	225.23	
Borough Farm	14.92	
Disposal Plant	10.98	
Borough Garage	9.04	
Parks and Playgrounds	45.42	
East Queen, Lincoln Way East and South Fourth Street Properties	18.00	
		\$ 1,409.67

Free Water Per Agreement

Penn Hall Farm	\$ 96.61	
Kennedy Farm	11.95	
Childrens' Home (75%) ...	52.90	
Hospital (75%)	387.14	
Salvation Army (75%)	11.75	
		560.35
		\$ 1,970.02

Note: This Amount \$1,970.02 used in Comparative Income Statement as Free Water Furnished in 1937.

Free Unmetered Water Furnished the Following in 1937

216 Fire Hydrants at \$15.00 \$	3,240.00
Sewer Flush Tanks (115) ..	1,950.40

Flushing Storm Sewers and Street Work	750.00		
Road Roller and Street Sweeper	25.00		
		\$	5,965.40

Note: (This amount does not appear in any other statement).

WATER ASSESSMENTS

Assessments made in 1937 .	\$	544.00		
			\$	544.00
Collected during 1937	\$	544.00		
			\$	544.00

WATER LIENS

Balance to be collected Janu- ary 1, 1937	\$	2,049.36		
Liens entered in 1937 ...		72.09		
Interest Accrued		154.46		
Costs Accrued		22.90		
			\$	2,298.81
Collected during 1937	\$	252.95		
Interest collected in 1937 .		159.67		
Costs collected in 1937		22.90		
Balance to be collected Janu- ary 1, 1938		1,863.29		
			\$	2,298.81

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,
Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG ELECTRIC LIGHT DEPARTMENT

On August 29, 1874, the following named persons applied for a Charter to furnish electric current for lighting in the Borough of Chambersburg, under the name of "The Franklin Electric Company":

James McKnight and Agent
B. Frank Gilmore
William McKnight
J. Spoonhour
William Nixon
William Sellers
M. A. Foltz
C. H. Fulwiler

B. M. Nead
Van T. Haulman
Samuel L. Hawbaker
W. Lynn Ritchey
George A. Britsch
D. Alonza Orr
William Orr
John Hart

John A. Orr

The stock in this Company was stated at \$25.00 a share, but just how much stock was issued is not a matter of record.

There is some doubt as to the year this company started to furnish current in Chambersburg, but that it was in business in Chambersburg

has been established beyond question. How extensive their business was at that time it is now impossible to state.

The plant consisted of a belt driven generator using a steam traction engine as power, and the equipment was located in the old brick and weatherboard building known as the "Ebersole Building", which stood immediately on the West bank of the Conococheague Creek on the South side of Lincoln Way West, and which has just recently been demolished by the Western Maryland Railway Company. This was the first electric plant that was ever operated in Chambersburg, and certainly could not have stayed in business very long. Some of the citizens of Chambersburg remember distinctly seeing these electric lamps suspended above the streets and at that time were impressed with the fact that they did not blow out when the wind blew.

In the year 1883 there was constructed, in the shops of the Cumberland Valley Railroad Company, a portable electric light plant which consisted of boiler, steam engine, and one arc lamp generator with a capacity of fifteen 2,000 candle-power open arc lamps. This car operated successfully under the supervision of Charles S. Hull from the very beginning, and in 1884 lighted arc lamps around the Public Square for the Centennial, and this same year lighted the grounds for a baseball game which was played at night. This game was played in a field lying East of Third Street and South of King, just about where the Byer Brothers' Green House is located at the present time.

In 1889 this portable electric light plant was rebuilt, under the supervision of Mr. Hull, for a capacity of forty 2,000 candle-power open arc lamps. This plant was frequently used for the lighting of important construction work along the Cumberland Valley Railroad, as well as the lighting of serious wrecks. It was also used for the lighting of the Granger's Picnic Ground at Williams Grove, and many of us recall the lighting of the Mt. Alto Park Grounds. Mr. Hull was a mechanical genius, and one of the beautiful things he created, with this car and an arc lamp, was a fountain which sprayed steam of different colors up above the car roof. Mr. Charles S. Hull will be remembered as a kindly old gentleman, and one of the first to take up seriously the possibility of electric lighting in this section.

On November 29, 1889, after a vote had been taken by the citizens of Chambersburg to increase the indebtedness of the Borough by an amount not exceeding \$10,000.00 for the purpose of installing an Electric Light Plant to light the streets of the Borough, a contract was placed for the necessary electrical equipment with the Thompson-Houston Electric Light Company at a price of \$9,797.50. This plant was installed solely for furnishing lighting for the streets of the town. The plant was operated from dark in the evenings until twelve o'clock midnight, except on moonlight nights when it was not operated at all.

In 1893, the Borough went into the commercial phase of furnishing current to consumers. It was a far step from this first plant to the present up-to-date efficient plant, and the citizens of Chambersburg are certainly to be congratulated on having had sufficient intelligence to keep this valuable utility for their very own.

This utility was affected by the depression to a greater extent than any other of the Borough's utilities. It will be noted that from 1929 up until 1934, there was a very marked falling off in the output from the plant. Beginning with 1934, however, the output from the plant commenced to increase, and the maximum annual output that the plant has ever experienced occurred in 1937, during which year the total distributed to consumers was 10,472,343 K. W. H. This is an increase over the year 1936 of 1,033,238 K. W. H.



MUNICIPAL ELECTRIC LIGHT PLANT

AVAILABLE FOR DISTRIBUTION

1929—	6,460,592 kilowatt-hours.
1930—	6,420,232 kilowatt-hours.
1931—	6,206,845 kilowatt-hours.
1932—	5,876,722 kilowatt-hours.
1933—	6,285,080 kilowatt-hours.
1934—	7,253,250 kilowatt-hours.
1935—	7,926,377 kilowatt-hours.
1936—	9,439,105 kilowatt-hours.
1937—	10,472,343 kilowatt-hours.

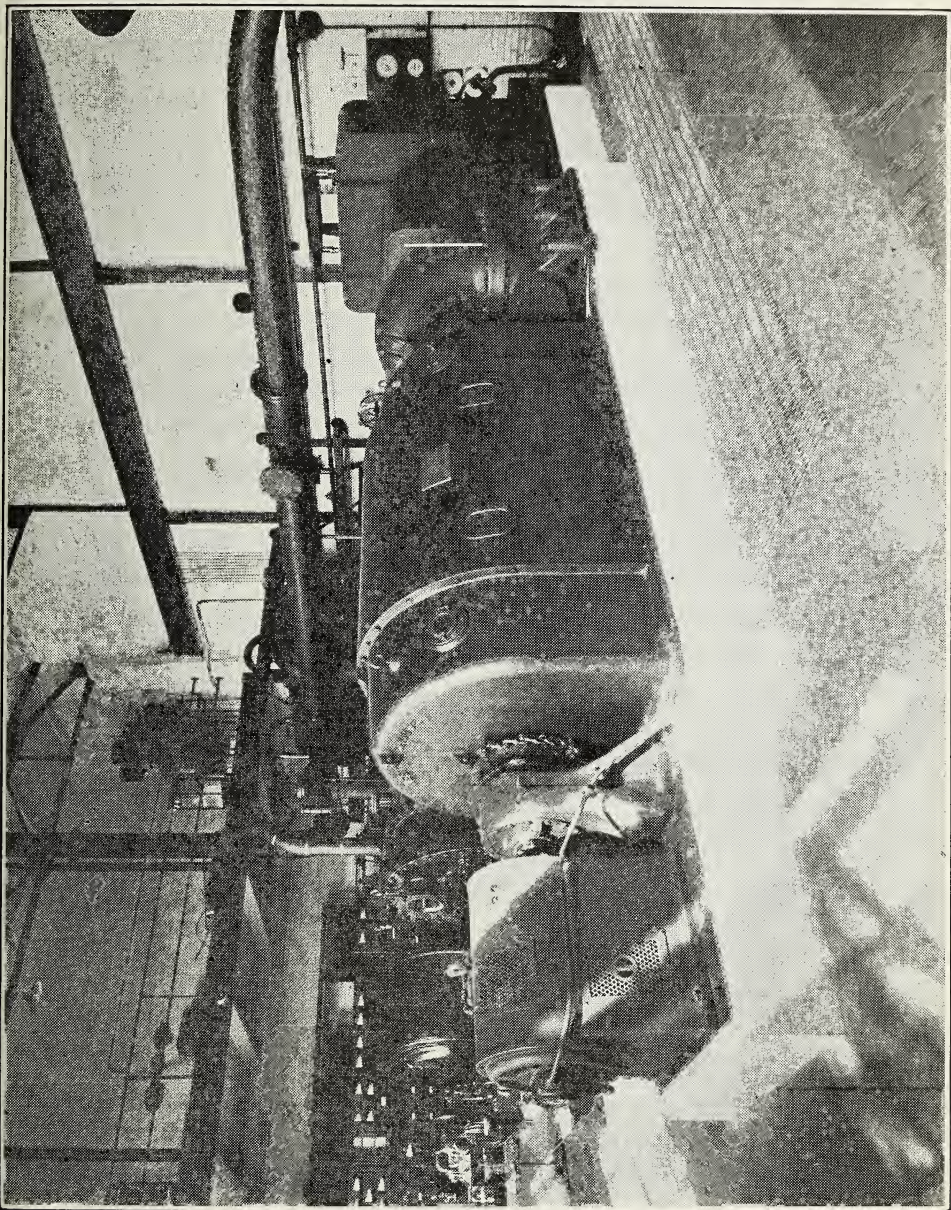
During the year 1937, the peak demand on the plant was 2,700 kilowatts, which is 200 kilowatts above the capacity of the largest generator in the plant. In 1936, preliminary steps were taken, looking toward the installation of an additional 2,500 kilowatt generating unit, including condensers, new switch-board control, new switch-gear, new busses, new feeder trunks from the Plant to Second Street, and the equipment and installation of a Carrier Current Control System for the control of the incandescent lamps, and water heaters, over the town. It is estimated that this work will cost approximately \$180,000.00. It was hoped that the Borough might secure from the Federal Emergency Administration of Public Works an outright money grant of 45% of the estimated cost, but, unfortunately, during 1937, the activities of PWA were curtailed to such an extent that it was not possible for the Borough to secure a grant. Therefore, this work will have to be paid entirely from the Electric Light Sinking Fund. The total generator capacity of the plant at the present time is 5,000 Kilowatts at 80% power factor. With the completion of the installation of the new 2,500 Kilowatt Turbo-Generator unit, the total capacity of the plant will then be 7,000 Kilowatts at 80% power factor.

The total cash and credits in this Department for 1937 were \$309,007.13, and the total operating and non-operating expenses were \$107,324.63, including \$26,679.02 for depreciation, leaving a total gross profit of \$201,682.50.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this department, which involved the making of an appraisal. The Reproduction Value New, less accrued depreciation, as of December 31, 1937, was \$521,099.35.

PHYSICAL DATA ON BOROUGH OF CHAMBERSBURG—ELECTRIC LIGHT DEPARTMENT—1937

Population of Chambersburg—1937	14,000
Number of Light and Power Consumers	4,739
K. W. Hrs. Generated	10,999,143
K. W. Hrs. Used by Station Auxiliaries	526,800
K. W. Hrs. Available for Distribution	10,472,343
K. W. Hrs. Increase over 1936	1,033,238
K. W. Hrs. Furnished to Street Arc Lamps	243,500
K. W. Hrs. Furnished to Street Incandescent Lamps	276,390
K. W. Hrs. Furnished to Disposal Plant	81,125
K. W. Hrs. Furnished to Fire Department	18,999



NEW 2500 K. W. TURBO-GENERATOR

K. W. Hrs. Furnished to Office Building	14,631
K. W. Hrs. Furnished to Police Headquarters	4,586
K. W. Hrs. Furnished to Street Department	2,664
K. W. Hrs. Furnished to Wood Choppers (6½ months) ..	410
K. W. Hrs. Furnished to Public Comfort Station	5,234
K. W. Hrs. Furnished to Christmas Tree	1,100
K. W. Hrs. Furnished to Traffic Signals	13,165
K. W. Hrs. Furnished to Friendship Christmas Lights ...	667
K. W. Hrs. Furnished to Junior Christmas Lights	81
K. W. Hrs. Furnished to Good Will Christmas Lights ...	442
K. W. Hrs. Furnished to Good Will Block Party	924
K. W. Hrs. Furnished to Franklin Block Party	205
K. W. Hrs. Furnished to Franklin Christmas Lights	756
K. W. Hrs. Furnished to C. V. Christmas Lights	129
K. W. Hrs. Furnished to C. V. Block Party	208
K. W. Hrs. Furnished to Fifth Ward Playground Festival	25
K. W. Hrs. Furnished to Stevens Playground Festival ...	13
K. W. Hrs. Furnished to Henninger Field	243
K. W. Hrs. Furnished for Light Plant—Fire Alarm Bat- tery	879
K. W. Hrs. Furnished for Light Plant—Storage Shed	13
K. W. Hrs. Furnished Westinghouse Cooking School	30
K. W. Hrs. Furnished Community Christmas Carol Singing and Hallowe'en Parade	6
K. W. Hrs. Furnished to Residential Light Consumers ...	2,059,828
K. W. Hrs. Furnished to Commercial Light Consumers ...	1,828,440
K. W. Hrs. Furnished to Power Consumers	5,367,735
Total K. W. Hrs. Sold to all Consumers	9,256,003
K. W. Hrs. Furnished Free	666,425
Total K. W. Hrs. Sold or Furnished Free	9,922,428
Total K. W. Hrs. Lost in Distribution	549,915
Percent Lost in Distribution	5.25%
Total Number of Active Residential Light Consumers — January 1, 1938	3,758
Total Number of Active Commercial Light Consumers — January 1, 1938	755
Total Number of Active Power Consumers — January 1, 1938	226
Total Number of All Active Consumers	4,739
Amount Paid by Residential Light Consumers	\$ 94,870.07
Amount Paid by Commercial Light Consumers	\$ 77,841.41
Amount Paid by Power Consumers	\$ 92,874.16
Total Paid by All Consumers	\$ 265,585.64
Amount Received from Sale of Lamps, Miscellaneous	\$ 5,130.77
Amount Received from Jobbing Work	\$ 848.28
Amount Received from Penalties Imposed	\$ 149.46
Amount Received from Interest on Consumers' Deposits ...	\$ 423.14

Amount Received from Material Returned	\$ 189.57
Amount Received from Non-Operating Revenues	\$ 80.15
Total Cash Received from All Sources	\$ 272,407.01
Credit for Light, Power, Supplies Furnished other Depart- ments Free	\$ 36,600.12
Total Cash Received from All Sources—and Credit	\$ 309,007.13
Increase in Receipts from Residential Light over 1936	\$ 10,205.93
Increase in Receipts from Commercial Light over 1936	\$ 10,707.58
Increase in Receipts from Power over 1936	\$ 7,494.66
Increase in K. W. Hrs. Furnished for Light over 1936	648,459
Increase in K. W. Hrs. Furnished for Power over 1936	480,145
K. W. Hrs. Sold per Consumer per Year — Residential Light	548
K. W. Hrs. Sold per Consumer per Year — Commercial Light	2,422
K. W. Hrs. Sold per Consumer per Year — Power	23,751
K. W. Hrs. Sold per Capita per Year—Residential Light	147
K. W. Hrs. Sold per Capita per Year—Commercial Light	130
K. W. Hrs. Sold per Capita per Year—Power	383
Received per Consumer per Year—Residential Light	\$ 25.24
Received per Consumer per Year—Commercial Light	\$ 103.10
Received per Consumer per Year—Power	\$ 410.94
Received per Capita per Year—Residential Light	\$ 6.77
Received per Capita per Year—Commercial Light	\$ 5.56
Received per Capita per Year—Power	\$ 6.63
Average Monthly Bill—Residential Light	\$ 2.10
Average Monthly Bill—Commercial Light	\$ 8.59
Average Monthly Bill—Power	\$ 34.25
Average Price Paid per K. W. H. including Minimum Charge —Residential Light	4.6 cents
Average Price Paid per K. W. H. including Minimum Charge —Commercial Light	4.2 cents
Average Price Paid per K. W. H. including Minimum Charge —Power	1.73 cents
Total Amount of Bills Rendered Net	\$ 272,428.56
Total Amount of Bills Collected Net	\$ 272,407.01
Loss in Bad Accounts	\$ 21.55
Percentage Lost in Bad Accounts .....	.00791%

RATES FOR ELECTRIC CURRENT

Residential Lighting

		Rate per K. W. H.
First	40 K. W. Hrs. used per Month	\$0.06
Next	60 K. W. Hrs. used per Month	0.045
Next	100 K. W. Hrs. used per Month	0.035
All over	200 K. W. Hrs. used per Month	0.025

Residential Lighting Where Ranges or Refrigerators Are in Service

					Rate per K. W. H.
First	30	K. W. Hrs. used	per Month	.....	\$0.06
Next	60	K. W. Hrs. used	per Month	.....	0.04
Next	100	K. W. Hrs. used	per Month	.....	0.03
All over	190	K. W. Hrs. used	per Month	.....	0.02

Commercial Lighting

					Rate per K. W. H.
First	75	K. W. Hrs. used	per Month	.....	\$0.065
Next	350	K. W. Hrs. used	per Month	.....	0.055
Next	1,500	K. W. Hrs. used	per Month	.....	0.035
All over	1,925	K. W. Hrs. used	per Month	.....	0.025

Minimum Charge

All of the above rates are subjects to a monthly Minimum Charge of seventy-five (\$.75) cents for each Kilo-Watt, or fraction thereof, of connected load, with the exception, however, that in computing the capacity of all electric ranges, the capacity of the largest element of the range shall be used for determining the monthly Minimum Charge, but in no event will a monthly Minimum Charge on any range be less than \$2.00 per month.

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

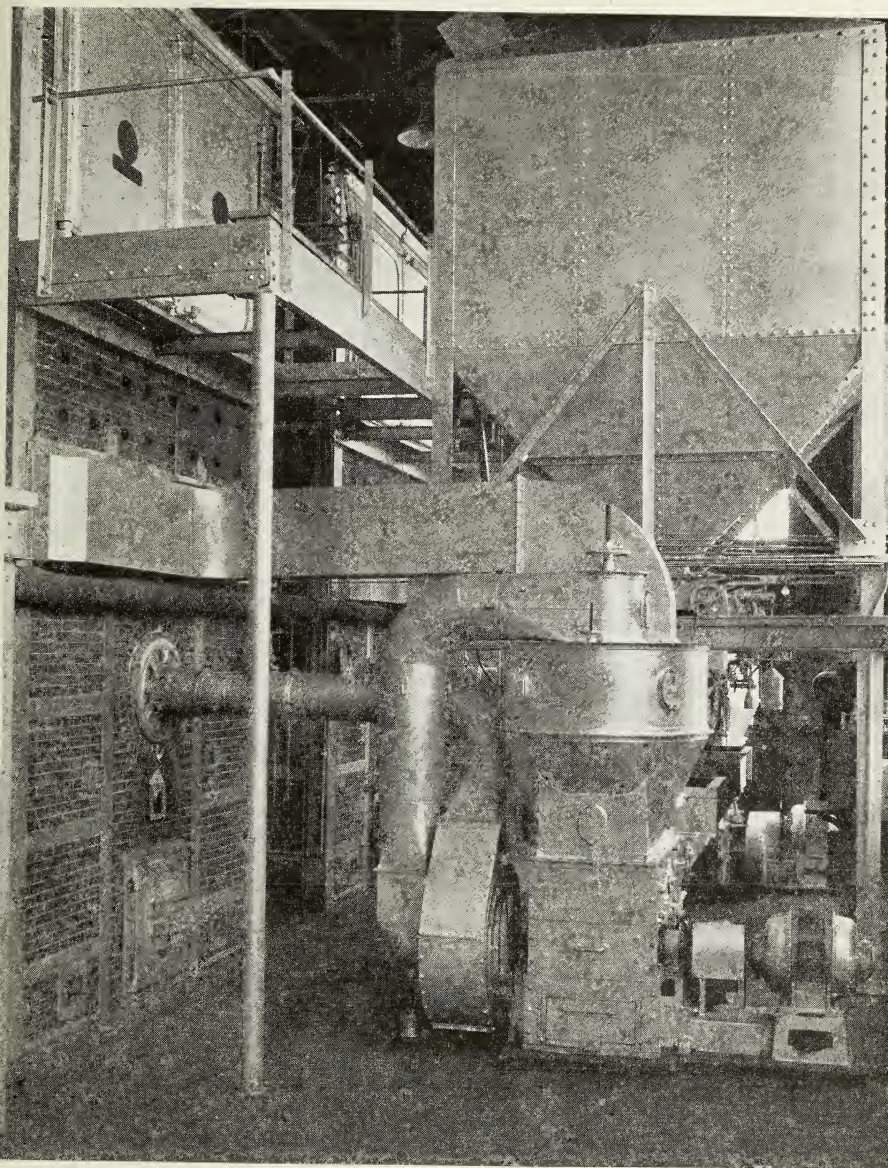
Secondary Power

					Rate per K. W. H.
First	500	K. W. Hrs. used	per Month	.....	\$0.03
Next	1,500	K. W. Hrs. used	per Month	.....	0.02
Next	3,000	K. W. Hrs. used	per Month	.....	0.018
Next	5,000	K. W. Hrs. used	per Month	.....	0.016
All over	10,000	K. W. Hrs. used	per Month	.....	0.014

Minimum Charges

Minimum Charges on motor installations for Secondary Power Purposes shall be as follows:

1st Motor Installed	.....	\$1.25	per H. P. Installed	per Month
2nd Motor Installed	.....	\$1.00	per H. P. Installed	per Month
3rd Motor Installed	.....	.90	per H. P. Installed	per Month
4th Motor Installed	.....	.80	per H. P. Installed	per Month
5th Motor Installed	.....	.70	per H. P. Installed	per Month
6th Motor Installed	.....	.60	per H. P. Installed	per Month
All over six Motors Installed	..	.50	per H. P. Installed	per Month



BOILER ROOM, MUNICIPAL ELECTRIC LIGHT PLANT

Primary Light and Power

		Rate per K. W. H.
First	10,000 K. W. Hrs. used per Month	\$0.016
Next	20,000 K. W. Hrs. used per Month	0.014
Next	40,000 K. W. Hrs. used per Month	0.012
All over	70,000 K. W. Hrs. used per Month	0.009

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered.

Demand Charges

Demand Charges shall be determined and billed monthly, based on the highest registration during the month of a demand meter having a 15 minute interval, and shall be as follows:

First	200 K. W. of Demand per Month	\$1.50 per K. W.
All over	200 K. W. of Demand per Month	\$1.00 per K. W.

Power Factor Clause

When the average power factor is found to be lower than eighty per cent (80%), the monthly Kilo-Watt Demand shall be corrected and determined as follows: Kilo-Watt Demand as measured, divided by average power factor of load, multiplied by allowable power factor of eighty per cent (80%).

Off Peak Electric Water Heating

	Rate per K. W. H.
Energy Rate per K. W. Hr. per Month	\$0.01

Minimum Charge

\$0.75 per Month per Kilo-Watt of heater capacity, based on largest heating unit.

Discount

The above Energy Rate is subject to a discount of ten (10%) per cent if bills are paid on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

This rate applies only to a restricted service for residential and commercial water heating.

This rate is available only to residential and commercial consumers who are accessible to the distributing system of the Borough of Chambersburg Electric Light Department.

The supply of service under this schedule shall be limited to operating periods aggregating not more than twelve hours in each day, or from 9:00 P. M. to 7:00 A. M. the following morning, and from 12:00 noon to 2:00 P. M. This period may, at the option of the Borough, be further restricted or extended.

Service under this schedule is available only for water heaters of not more than 3,000 watts capacity, which shall be furnished, installed, and connected up by the consumer. The Borough of Chambersburg Electric Light Department will furnish a suitable device for automatically restricting the supply of current to those hours which the Borough may designate.

This service will be supplied through a separate integrating watt-hour meter and no other appliances other than the water heater shall be connected to this service. Service will be supplied at either 220 volts or 110 volts single, or three phase, at the option of the Borough of Chambersburg Electric Light Department.

Water heaters, and all devices connected therewith or appurtenant thereto, shall be so designed and constructed that they will not, under any circumstances, cause radio interference by their operation. In the event that any of the equipment does cause radio interference by reason of its operation, the Borough shall discontinue furnishing current to the installation in which the particular radio interference originates, until such time as new equipment is installed, or the old equipment corrected for radio interference. Water heaters must be controlled automatically so that, under no circumstances, shall both heating elements operate at the same time.

GENERAL REGULATIONS

Minimum Charges

Minimum Charges and Demand Charges under the different classes of service are not subject to discount, but if they are not paid on, or before, the 20th of the Month following the Month for which the service was rendered, a ten (10%) per cent penalty shall be added.

Lamps, Supplies, etc.

All bills rendered by the Borough of Chambersburg Electric Light Department, except those rendered for electric energy, are not subject to discount, but if not paid on, or before, the 20th of the month following the Month for which the bill was rendered, a penalty of ten (10%) per cent shall be added.

Deposits

All consumers applying for, or using, any class of service in properties to which they cannot establish ownership shall make a cash deposit with the City Clerk in amount equal to the estimated bills for the service to be supplied in any two consecutive Months. The Borough may at any time require that the deposit be increased to cover two Months' consumption based on the amount of the highest month's billing. The amount of the deposit may be reduced, upon request of the consumer, to an amount sufficient to cover the maximum amount of the billing for any two consecutive Months during the preceding year.

There are at the present time fifteen electric water heaters in service in Chambersburg, which are working out entirely satisfactory. The

refrigerator load has developed very rapidly during 1937, there being at the present time 1,296 domestic refrigerators in service. The electric range work is progressing in a very satisfactory manner, there being at the present time 115 electric ranges in service.

BALANCE SHEET ELECTRIC LIGHT DEPARTMENT

Assets		
Fixed Capital		
Fixed Capital Installed . . .	\$ 804,484.14	
Construction work in progress	591.90	
	<hr/>	\$ 805,076.04
Funds and Special Deposits		
Sinking Fund Assets	\$ 113,828.62	
Consumers' Deposits	21,612.80	
	<hr/>	135,441.42
Current Assets		
Cash (Borough Treasurer's Account)	\$ 29,682.81	
Accounts Receivable from Consumers	41,372.62	
Materials and Supplies . . .	8,792.30	
Advance to Water Department	65,563.64	
	<hr/>	\$ 145,411.37
Prepayments and Accrued Assets		
Unmatured Interest Receivable (Water Department Advances)	1,572.25	
Total Assets	<hr/>	\$1,087,501.08
Liabilities		
Net Investment, Electric Light Department, December 31, 1937	\$ 97,535.17	
Current Liabilities		
Consumers' Deposits	19,632.93	
Reserves		
Reserve for Renewals and Replacements	283,384.79	
Surplus		
Surplus Unappropriated . .	686,948.19	
Total Liabilities	<hr/>	\$1,087,501.08

RECAPITULATION NET WORTH

Net Investment December 31, 1936	\$ 239,054.84
--	---------------

Additions

Free Water from Water Department	480.33	
		\$ 239,535.17

Deductions

Contributions to General Borough Fund	142,000.00	
		\$ 97,535.17
Balance		
Earned Surplus to December 31, 1937		686,948.19
Net Worth December 31, 1937		\$ 784,483.36

OPERATING REVENUE AND EXPENSE STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues

Metered Sales for Domestic Lighting	\$ 105,139.91	
Metered Sales for Other Private Lighting	85,326.82	
Metered Sales for Domestic Power	101,987.72	
Metered Sales to other Electric Utilities	5,530.36	
Metered Sales for Other Municipal Lighting	2,628.10	
Metered Sales for Municipal Power	1,574.62	
Unmetered Sales for Municipal Street Lighting	31,667.40	
Consumers Discounts Forfeited and Penalties Imposed	149.46	
		\$ 334,004.39
Discounts and Allowances to Consumers		\$ 26,566.74
Total Operating Revenues		\$ 307,437.65

Operating Expenses

Generating System Expenses

Operating Labor	\$ 16,663.38	
Fuel	35,094.69	
Water	480.33	
Lubricants	75.76	
Boiler Plant Supplies and Expenses	94.41	

Other Supplies and Expenses	161.69	
Maintenance of Structures	89.06	
Maintenance of Steam Power Equipment	2,283.85	
Maintenance of Electric Equipment	265.09	
Maintenance of Other Generating System Equipment	785.80	
Total Generating System Expenses		\$ 55,994.06

Distribution System Expenses

Operating Labor	\$ 1,416.72	
Supplies and Expenses Overhead and Underground System	486.06	
Maintenance of Overhead Equipment	3,284.71	
Maintenance of Underground Equipment	.84	
Maintenance of Services	56.07	
Maintenance of Transformers	161.94	
Maintenance of Meters	1,727.00	
		\$ 7,133.34

Utilization System Expenses

Operating Labor	\$ 444.80	
Municipal Street, Arc, and Incandescent System Supplies and Expenses	1,195.20	
Maintenance of Municipal Street, Arc, and Incandescent System	456.96	
Total Utilization System Expenses		\$ 2,096.96

General Expenses

General Administrative Salaries	\$ 6,639.39	
Salaries of Meter Readers	1,192.79	
General Administrative Supplies	381.89	
Other General Administrative Expenses	219.25	
Garage Supplies and Expenses	203.57	
Shop and Laboratory Supplies and Expenses	19.85	
Insurance	1,261.87	
Maintenance of General Equipment	188.25	
Depreciation	26,679.02	
Total General Expenses		\$ 36,785.88
Total Operating Expenses		\$ 102,010.24

CONDENSED INCOME PROFIT AND LOSS STATEMENT **ELECTRIC LIGHT DEPARTMENT**

Operating Revenues	\$ 307,437.65
------------------------------	---------------

Operating Expenses

Generating System Operating Expenses	\$ 55,994.06	
Distribution System Operating Expenses	7,133.34	
Utilization System Operating Expenses	2,096.96	
General Administrative Expenses	8,433.32	
Other General Expenses	28,352.56	
Total Operating Expenses	102,010.24	

Operating Income		205,427.41
Non Operating Revenues	\$ 9,849.49	
Non Operating Expenses	5,314.39	
Non Operating Income	4,535.10	

Gross Income	\$ 209,962.51
------------------------	---------------

Net Income Deductions

Free Electricity Furnished Borough	35,870.12
--	-----------

Balance of Net Income	\$ 174,092.39
---------------------------------	---------------

ELECTRIC LIGHT DEPARTMENT **ANALYSIS OF FIXED CAPITAL**

Account	Balance Dec. 31, 1936	Additions 1937	Balance Dec. 31, 1937
Organization	\$ 8,217.91		\$ 8,217.91
Generating System, Land	2,028.21		2,028.21
Generating System, Power Plant Structures	44,929.27		44,929.27
Generating System, Railroad Sidings, etc.	6,067.16		6,067.16
Generating System, Boiler Plant Equipment	118,391.60		118,391.60
Generating System, Turbo Generators	216,742.53		216,742.53
Generating System, Other Electric Equipment	16,144.03	\$ 670.53	16,814.56
Generating System, Coal Storage and Weighing Equipment	16,645.42		16,645.42
Generating System, Other Power Plant Equipment	2,732.10		2,732.10
Transmission System, Overhead Conductors	44.88		44.88

Distribution System, Poles and Fixtures	36,452.25	577.16	37,029.41
Distribution System, Overhead Conductors	34,532.27	8,190.95	42,723.22
Distribution System, Overhead Transformers	34,215.83	2,387.18	36,603.01
Distribution System, Overhead Transformer Installations ..	5,928.58	171.95	6,100.53
Distribution System, Overhead Services	19,491.99	295.90	19,787.89
Distribution System, Underground Conduits	1,183.69		1,183.69
Distribution System, Underground Conductors	1,500.98		1,500.98
Distribution System, Underground Transformers ..	605.25		605.25
Distribution System, Underground Transformer Installation ..	82.93		82.93
Distribution System, Underground Services .....	.44		.44
Distribution System, Meters	40,309.59	2,584.16	42,893.75
Distribution System, Meter Installations	5,912.65	241.11	6,153.76
Utilization System, Commercial Arc System	2.16		2.16
Utilization System, Municipal Street Arc System ..	18,535.38		18,535.38
Utilization System, Municipal Street Incandescent System	41,363.95	140.29	41,504.24
Other General Land	600.00		600.00
Other General Structures ..	2,590.00		2,590.00
Other General Equipment ..	1,082.83		1,082.83
General Store Equipment ..	184.22		184.22
General Garage Equipment ..	3,245.33	40.50	3,285.83
General Laboratory Equipment	584.46	139.19	723.65
General Tools and Equipment	499.74	72.45	572.19
Engineering and Superintendence during Construction	26,067.75		26,067.75
Administrative and Legal Expenses during Construction	8,217.91		8,217.91
Interest during Construction	25,393.33		25,393.33
Development Cost	48,386.75		48,386.75
General Store Equipment ..		59.40	59.40
	\$ 788,913.37	\$ 15,570.77	\$ 804,484.14

ELECTRIC LIGHT DEPARTMENT—SINKING FUND

Balance in Sinking Fund (Four Banks) January 1, 1937	\$ 48,429.18	
Transfer from Electric Light Department	31,200.00	
Transfer from Water De- partment	32,334.17	
Interest Received (Four Banks)	1,865.27	
	<hr/>	\$ 113,828.62
Balance in Hands of Treas- urer January 1, 1938	<hr/>	\$ 113,828.62

FREE LIGHTING AND POWER USED IN BOROUGH DURING 1937

Light

Public Comfort Station	\$ 261.72	
Traffic Signals	514.52	
Friendship Fire Company ..	177.17	
Junior Fire Company	207.15	
Good Will Fire Company ..	280.78	
Franklin Fire Company	217.40	
Cumberland Valley Fire Company	68.63	
Municipal Garage	68.06	
Light Plant, Storage Shed ..	9.00	
Light Plant, Fire Alarm Battery	50.79	
City Hall	470.35	
City Hall, Water Heater ..	25.83	
Police Headquarters	233.77	
Disposal Plant	42.93	
	<hr/>	\$ 2,628.10

Power

Franklin Fire Company ...	\$ 60.60	
Municipal Garage	91.64	
Disposal Plant	1,360.23	
Free Power for Sawing Wood (6½ months)	62.15	
	<hr/>	1,574.62
Arc Lighting of Streets ...	\$ 7,253.40	
Incandescent Lighting of Streets	24,414.00	
	<hr/>	\$ 31,667.40
Total	<hr/>	\$ 35,870.12
In addition, Credit Account Labor at Plant — Fire Alarm Batteries 365 @ \$2.00	\$ 730.00	

ELECTRIC CURRENT LIENS

Balance to be collected January 1, 1937	\$	98.64	
Liens entered during 1937		1,307.64	
Costs		11.00	
			\$ 1,417.28
Collected during 1937	\$	87.80	
Costs collected in 1937		11.00	
Balance to be collected January 1, 1938		1,318.48	
			\$ 1,417.28

STATEMENT OF ASSETS AND LIABILITIES OF THE BOROUGH OF CHAMBERSBURG AS OF JANUARY 1, 1938

Assets

Cash in Treasurer's Hands, General Borough	\$	1,871.07	
Cash in Treasurer's Hands, Water Department		580.48	
Cash in Treasurer's Hands, Water Department, PWA Fund		859.69	
Cash in Treasurer's Hands, Light Department		29,682.81	
Cash in Treasurer's Hands, Light Department, Sinking Fund		113,828.62	
Cash in Treasurer's Hands, Bond Department		11,543.59	
Cash in Treasurer's Hands, Bond Department, Sinking Fund		4,046.90	
Cash in Treasurer's Hands, Borough Fire Fund		27,182.47	
Cash in Collector's Hands, Electric Light Consumers' Deposit Account		21,612.80	
			\$ 211,208.43

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	
Tax Duplicate, 1928-1929			\$	202.62
Tax Duplicate, 1934-1935	\$ 597.54	\$ 585.20		
Tax Duplicate, 1935-1936	302.57	1,136.67		
Tax Duplicate, 1936-1937	492.23	1,559.88		
Tax Duplicate, 1937-1938	1,128.93	3,423.75		
	\$2,521.27	\$ 6,705.50	\$ 202.62	\$ 9,429.39

Investments, Borough Fire Fund		\$	5,000.00
Unpaid Tax Liens	\$	7,881.86	
Unpaid Paving Liens		2,625.98	
Unpaid Sewer Liens		6,496.77	
Unpaid Water Liens		1,863.29	
Unpaid Electric Current Liens		1,318.48	
			20,186.38
Water Department, Current Assets, Less			
Cash in Treasurer's Account			15,018.01
Light Department, Current Assets, Less			
Cash in Treasurer's Account			50,164.92
Value of Water Distributing System			1,134,089.21
Value of Light Plant and Distribution			
System			521,099.35
Value of Disposal Plant and Main Trunk			
System			148,135.00
Value of Lateral Sewers			232,225.93
Value of Fire Houses and Apparatus			150,500.00
Value of Office Building, Market House ..			55,856.00
Value of Police Headquarters			10,000.00
Value of Street Department, Storage			
House and Equipment			25,500.00
Value of Henninger Field			16,000.00
Value of Fourth Street Properties			4,000.00
Value of Third Street Property			1,000.00
Value of Public Comfort Station			5,500.00
			<u>\$2,614,912.62</u>

Liabilities

4½% Improvement Bonds of			
1912, Issued August 31,			
1912, Due September 1,			
1942, Total Issued	\$	50,000.00	
Bonds Redeemed and Can-			
celled 1932	\$	5,000.00	
Bonds Redeemed and Can-			
celled 1933		6,500.00	
Bonds Redeemed and Can-			
celled 1934		5,000.00	
Bonds Redeemed and Can-			
celled 1935		5,000.00	
Bonds Redeemed and Can-			
celled 1936		5,000.00	
Bonds Redeemed and Can-			
celled 1937		5,000.00	
		<u>31,500.00</u>	
Balance Outstanding			\$ 18,500.00
3% Improvement and Re-			
funding Bonds, Issued De-			
cember 1, 1935	\$	150,000.00	
Bonds Redeemed and Can-			
celled 1936	\$	7,000.00	

Bonds Redeemed and Cancelled 1937	14,000.00	21,000.00	
Balance Outstanding			\$ 129,000.00

The above balances are the present actual indebtedness of the Burgess and Town Council of the Borough of Chambersburg created without the authority of the vote of electors thereof.

Electric Light Consumers' Deposit Account	21,612.80
Assets in Excess of Liabilities	2,445,799.82
	<u>\$2,614,912.62</u>

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,
Auditors.

COMPARISON OF TAX LEVY, BONDED DEBT, ETC., FOR YEAR 1937

Borough	Popula- tion	Assessed Valuation	Tax Rate (Mills)	Taxes Levied for Borough and Bond Purposes	Taxes Paid Per Capita	Bonded Debt (Less Sink- ing Fund)	Net Debt Per Capita
Berwick	12,600	\$ 7,727,956	11	\$ 85,007.52	\$ 6.75	\$171,841.18	\$13.64
Cannonsburg	12,558	6,409,165	15	96,137.00	7.65	155,000.00	12.34
Carnegie	12,500	10,383,027	14	145,360.80	9.56	149,572.36	11.96
Donora	13,905	11,194,315	12	134,332.00	9.66	449,576.00	32.33
Dormont	13,190	17,152,535	10	171,525.00	13.00	722,872.00	54.80
Lewistown	14,000	7,110,020	11	78,210.22	5.58	176,123.18	12.58
Munhall	12,995	20,102,850	11	221,131.00	17.01	785,000.00	60.40
Steelton	13,000	8,117,615	12	97,411.38	7.50	209,000.00	16.07
Warren	14,863	11,351,952	16	181,631.23	12.22	196,810.48	13.24
Carlisle	12,596	11,537,945	8	92,303.56	7.32	589,500.00	46.88
Shippensburg	4,345	2,748,060	8.5	23,359.00	6.37	170,308.00	39.19
Waynesboro	10,160	6,000,232	15	90,017.21	8.86	435,500.00	42.86
Chambersburg	14,000	7,503,268	4	30,013.07	2.14	143,453.00	10.24

The information for the above Tabulation was obtained from the Bureau of Municipal Affairs, State Capitol, Harrisburg, Pa., and the individual Boroughs themselves, and is for the year 1937. It shows the rather enviable position your Borough occupies, as compared with other Boroughs of approximately the same size distributed over the entire State.

**VALUES OF SERVICES RECEIVED FOR \$1.00 OF BOROUGH
TAXES LEVIED 1937**

	Costs	Taxes Levied for Borough Purposes
Borough Administration ...	\$ 39,786.50	divided by \$7,503.26=\$ 5.302
Police Services	\$ 19,683.35	divided by \$7,503.26=\$ 2.623
Public Health Services	\$ 2,103.81	divided by \$7,503.26=\$ 0.280
Fire Protection Services	\$ 21,542.74	divided by \$7,503.26=\$ 2.871
Street Department Services .	\$ 55,807.37	divided by \$7,503.26=\$ 7.437
Street Lighting, Miscel. Ser- vices	\$ 31,774.02	divided by \$7,503.26=\$ 4.234
Sanitary Sewerage Services .	\$ 24,852.88	divided by \$7,503.26=\$ 3.312
Comfort Station Services ..	\$ 1,016.20	divided by \$7,503.26=\$ 0.135
Parks and Playground Ser- vices	\$ 4,581.09	divided by \$7,503.26=\$ 0.610
Total	\$201,147.96	divided by \$7,503.26=\$26.80

VALUES OF SERVICES RECEIVED PER CAPITA

	Estimated Population 14,000 Population
Borough Administration	\$ 39,786.50 divided by 14,000=\$ 2.841
Police Services	\$ 19,683.35 divided by 14,000=\$ 1.405
Public Health Services	\$ 2,103.81 divided by 14,000=\$ 0.150
Fire Protection Services	\$ 21,542.74 divided by 14,000=\$ 1.538
Street Department Services ...	\$ 55,807.37 divided by 14,000=\$ 3.986
Street Lighting Miscel. Services	\$ 31,774.02 divided by 14,000=\$ 2.269
Sanitary Sewerage Services ...	\$ 24,852.88 divided by 14,000=\$ 1.775
Comfort Station Services	\$ 1,016.20 divided by 14,000=\$ 0.072
Parks and Playground Services	\$ 4,581.09 divided by 14,000=\$ 0.327
Total	\$201,147.96 divided by 14,000=\$14.36

Note: The Citizens of Chambersburg received in these services \$201,-147.96 of Value for which Taxes were levied for Borough purposes in the amount of \$7,503.26. If you did not operate your Electric Light and Water Utilities, at a handsome profit, the whole cost of these services would have to be paid for by Taxes, which would mean an increase in Taxes for Borough purposes of 26.8 times what they were in 1937.

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CHAMBERSBURG PENNSYLVANIA

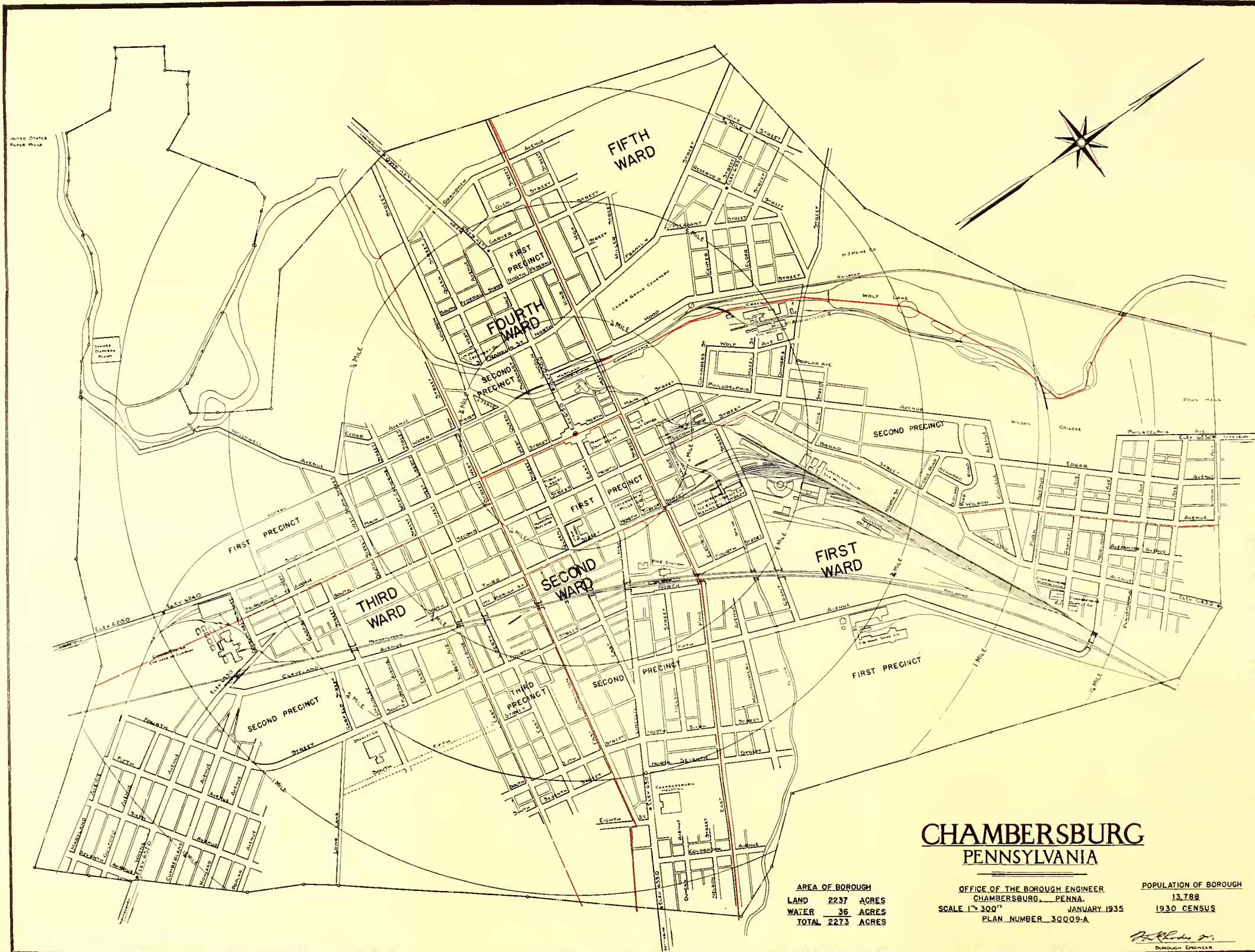
OFFICE OF THE BOROUGH ENGINEER
CHAMBERSBURG, PENNA.

1" = 300' JANUARY 1935
PLAN NUMBER 30009-A

POPULATION OF BOROUGH
13,788
1930 CENSUS

W. Rhodes Jr.
BOROUGH ENGINEER





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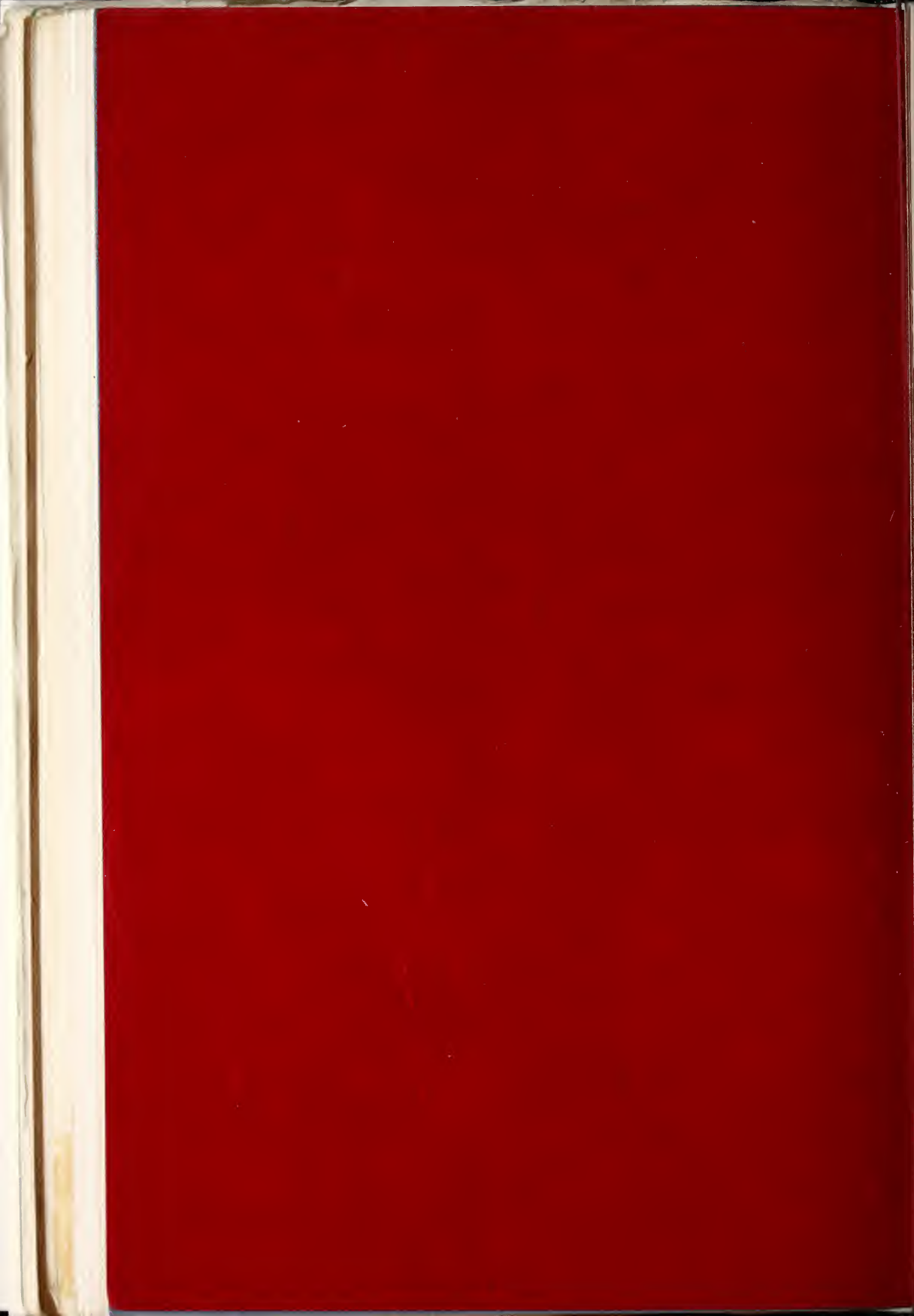
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Chambersburg, Pa. 17201

ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1938



This Pamphlet is published for the benefit of the citizens of Chambersburg, that they may become better acquainted with these vital things in our community that go to make Chambersburg a better place in which to live.



ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1938



FOR THE YEAR
from
JANUARY 1, 1938, TO DECEMBER 31, 1938
Being
THE ONE HUNDRED AND THIRTY-FIFTH SINCE INCORPORATED
As A BOROUGH

PERSONNEL OF THE BOROUGH GOVERNMENT

1938

R. C. VANDERAU	<i>Chief Burgess</i>
ELLWOOD JODER	<i>President Town Council</i>
J. HASE MOWREY	<i>Manager of Utilities</i>
E. W. DAVIS	<i>Secretary</i>
W. M. L. ETTER	<i>Treasurer</i>
EDMUND C. WINGERD	<i>Solicitor</i>
EDGAR W. DIEHL	<i>Tax Collector</i>
HARRY R. GEARHART	<i>Auditor</i>
HERBERT C. KEEFER	<i>Auditor</i>
ALBERT S. HENNEBERGER	<i>Auditor</i>
MARGARET E. WINGERT	<i>Chief Bookkeeper</i>
H. S. BYERS	<i>Chief of Police</i>
ROBERT MONN	<i>Superintendent of Water and Sewer</i>
W. L. GROVE	<i>Plumbing Inspector</i>
F. D. RHODES, JR.	<i>Borough Engineer</i>
CHARLES F. PFOUTZ	<i>Assistant Borough Engineer</i>
ROBERT RINICK	<i>Market Master</i>

COMMITTEES OF COUNCIL

FINANCE COMMITTEE

ELLWOOD JODER, *Chairman*
J. H. MARTIN
C. H. PENSINGER
H. C. HUNSECKER
H. H. SWARTZ

WATER AND LIGHT COMMITTEE

T. C. McCULLOUGH, *Chairman*
B. F. SMALL
H. H. SWARTZ

STREET COMMITTEE

J. H. MARTIN, *Chairman*
G. S. KLENZING
H. C. HUNSECKER

FIRE COMMITTEE

G. S. KLENZING, *Fire Marshal*
T. C. McCULLOUGH
R. F. ANGLE

BOROUGH PROPERTY COMMITTEE

ELLWOOD JODER, *Chairman*
T. C. McCULLOUGH
J. H. MARTIN
G. S. KLENZING
B. F. SMALL

SEWER COMMITTEE

B. F. SMALL, *Chairman*
R. F. ANGLE
G. C. GEYER

INDUSTRIAL COMMITTEE

H. H. SWARTZ, *Chairman*
G. C. GEYER
R. F. ANGLE

PUBLIC COMFORT STATION COMMITTEE

B. F. SMALL, *Chairman*
G. C. GEYER
C. H. PENSINGER

PARKS AND PLAYGROUNDS
COMMITTEE

C. H. PENSINGER, *Chairman*
G. S. KLENZING
J. H. MARTIN
H. H. SWARTZ
H. C. HUNSECKER

PUBLIC SAFETY COMMITTEE

BURGESS R. C. VANDERAU, *Chairman*
CHIEF H. S. BYERS
B. F. SMALL
T. C. McCULLOUGH
C. H. PENSINGER

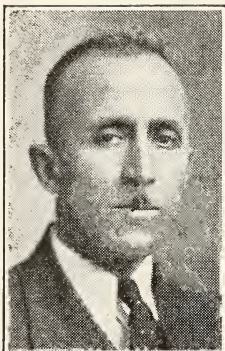
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H. H. SWARTZ

BOARD OF HEALTH

DR. B. M. BEATTIE, *President*
DR. L. H. SEATON
JAMES C. CLARK
PAUL WALKER
F. LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



ELLWOOD JODER
*President of Council
Councilman, 1st Ward*



H. C. HUNSECKER
Councilman, 1st Ward



R. C. VANDERAU
Chief Burgess

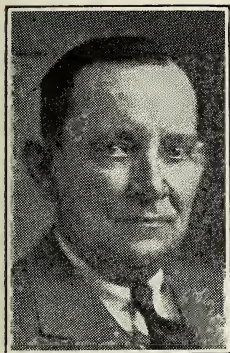


R. F. ANGLE
Councilman, 2nd Ward

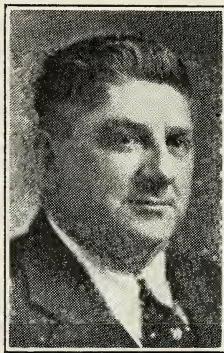


J. HARVEY MARTIN
Councilman, 2nd Ward

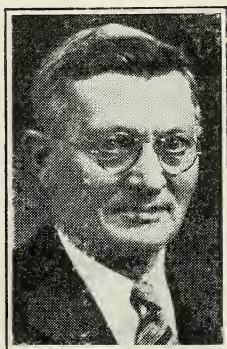
BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG



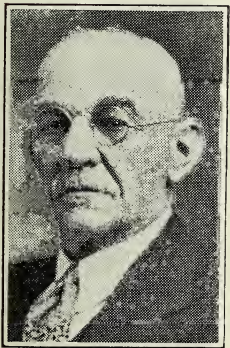
C. H. PENSINGER
Councilman, 3rd Ward



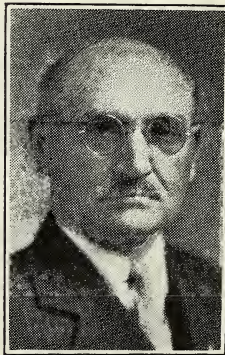
H. H. SWARTZ
Councilman, 4th Ward



G. C. GEYER
Councilman, 3rd Ward

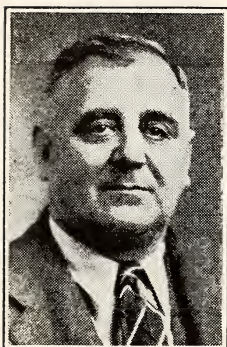


T. C. McCULLOUGH
Councilman, 4th Ward

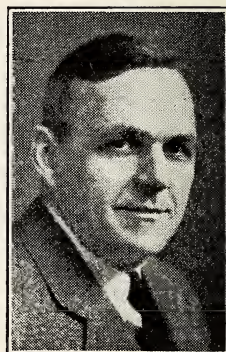


B. F. SMALL
Councilman, 5th Ward

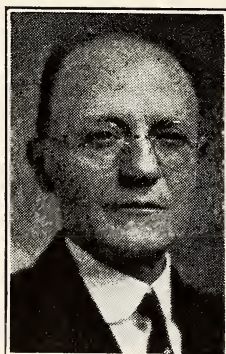
**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



G. STEWART KLENZING
Councilman, 5th Ward



E. C. WINGERD
Borough Solicitor



J. HASE MOWREY
Manager of Utilities



F. D. RHODES, JR.
Borough Engineer



H. S. BYERS
Chief of Police

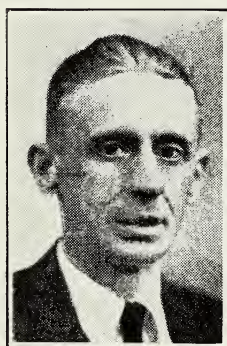
**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



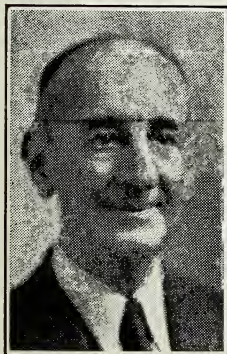
MARGARET E. WINGERT
Chief Bookkeeper



ROBERT MONN
Supt. of Water and Sewer



W. L. GROVE
Plumbing Inspector



E. W. DAVIS
Borough Clerk



ROBERT RINICK
Market Master



MUNICIPAL OFFICE BUILDING

HISTORICAL

Chambersburg was founded by Benjamin Chambers at "Fawling Spring on Cannogogige," in 1734, and in 1764 Benjamin Chambers writes, "there is a town laid out on Conegogig Creek." The Town was incorporated by an Act of the General Assembly of the State of Pennsylvania, March 21, 1803, and the first Burgess and Town Council consisted of the following: Chief Burgess—Major John Holliday; Councilmen—Edward Crawford, Esq., Andrew Dunlap, Christian Oister, John Shryock, and Patrick Campbell. It has grown slowly, but its growth has been steady and its accomplishments enduring. Today, it bears the rather enviable reputation of being one of the outstanding boroughs in the State of Pennsylvania, and its citizens enjoy more vital services at a much lower cost than any other borough in the State.

POLICE DEPARTMENT

The first police force for the Borough of Chambersburg was established January 16, 1818, by the following action of Town Council, "Be it ordained, etc., That four men shall be employed to watch and patrol the streets of the Borough, during the night, from nine o'clock until daybreak, for the term of three months from this date, to guard the property of the inhabitants, as far as in their power, from incendiaries, thieves, and plunderers, and to arrest and detain all vagrants and night walkers until the morning, unless he, she, or they, can give a satisfactory account of their purpose and the occasion of their being found on the street—and also call the hour."

The Council entered into an article of agreement dated January 17, 1818, with Robert Allison, as Captain, William McElhany, Jacob Heckerman, and Dan McAllister, privates, to patrol the town from nine o'clock until daybreak, call the hour, and light any lamps that are, or may be erected, for which the Captain was to receive \$18.00 per month, and each private \$15.00 per month, and the Council was to furnish each one with a sufficiently warm watch-coat.

From the following proclamation, it is evident that 120 years ago, the sources of amusement for the good people of Chambersburg were more varied, permanent, and better protected than they are today:

"To Robert Allison, High Constable

Sir: You are hereby authorized to attend the Theatre in the Borough of Chambersburg and Protect the Manager thereof whilst acting from any disorderly Person or Persons—and if any Person or Persons attempt to disturb said actors during their performans—you are hereby Commanded to bring him or them before me or any Justice of the Peace in said Borough to be dealt with according to Law. Fail not.

Given under my hand and seal this 19th day of July, 1816.

(Signed) PATRICK CAMPBELL, Burgess."

From this very modest beginning, the Police Department has developed into a highly efficient and very completely equipped organization, consisting of a Chief, two Sergeants, and eight Patrolmen. Their equipment consists of a Hardinge Police Register System, dictograph, finger

printing outfit, Colts 38 calibre revolvers, tear gas guns, tear gas hand grenades, police car, and two motorcycles.

During the year 1938, the Police Department answered 1,551 calls. This is exclusive of all calls answered by the Chief. There was a total number of 634 arrests made for various offenses. The arrests for drunk and disorderly conduct totaled 285. There were 24 actual cases of breaking-in and larceny reported, and 4 arrests were made in these 24 cases. There were 5 stolen autos, and 3 arrests were made in these 5 cases. The night patrol reported 286 store doors left open by owners on leaving store. The total amount of fines imposed was \$717.00, and the total amount of fines collected by the Borough was \$292.00.

FIRE DEPARTMENT

About one hundred and fifty years ago, in 1790 to be exact, when the village of Chambersburg consisted entirely of either log or frame houses, and the fire hazard was great because of wood fires upon the open hearth, the necessity of providing protection from fire was first discussed, and the Friendship Fire Company, an organization of citizens equipped with buckets, was formed.

Since that time, with the expansion of the village from a few houses to a borough of the first magnitude, the formation of additional companies became necessary, and their equipment, from bucket, to hand pump, to hose reel, to steam fire engine, and, during the past fifteen years to modernized motor drawn and motor driven apparatus, has kept pace with the times.

Today, the fire department consists of five companies, advantageously located, and equipped with three American LaFrance Pumpers, one Ward LaFrance Flood Light Truck and Pumper, an aerial truck with 65-foot ladder, a City Service truck with booster pump, a truck equipped with a Foamite unit, a squad and chemical car, and an ambulance.

The companies are entirely volunteer, only the drivers of the apparatus receiving pay from the Borough. The fire houses are owned by the Borough and under the care of the Property Committee of the Borough Council.

In addition to the above mentioned equipment, the town is completely covered by the Gamewell Fire Alarm System, consisting of 53 fire alarm boxes, 5 station house indicators and gongs, and one general alarm, all storage battery operated, and 219 latest type fire plugs are installed at the most advantageous points.

The companies responded to general alarms and silent alarms as follows:

	General Alarms	Silent Alarms
Friendship Company	22	17
Junior Company	22	25
Good Will Company	21	28
Franklin Company	14	17
Cumberland Valley Company .	13	13

The Franklin Fire Company Community Pumper answered 32 calls, the estimated fire loss for the year 1938, being \$24,000.00. The total estimated fire loss during the year was \$45,000.00.

The Good Will Ambulance responded to 761 calls during the year.

STREET DEPARTMENT

On March 30, 1734, Benjamin Chambers was given a grant to take, settle, and improve 400 acres of land at the mouth of the Falling Spring and the Conococheague Creek, but this tract was not sub-divided until 1764 when it was laid out as a town and called Chambers Town, which name was changed to Chambersburg when Franklin County was erected in 1784.

The limits of the town at that time were on the North by the Falling Spring, on the East by Second Street, on the South by approximately Liberty Street, and on the West by the Conococheague Creek.

In the beginning of the 19th Century no streets had been graded or paved, although each property owner was required to maintain a walk in front of his own property. The original plan of the inhabitants was to make Second Street the principal business street, but this was changed to Main Street after considerable influence was exerted by those property owners.

Prior to 1813, the Lincoln Highway and Main Street were repaired by the Turnpike Company, by turnpiking which consisted of placing one foot of broken stone covered with gravel and clay. The first record of a contract awarded by the Borough was in 1813 to repair the Lincoln Highway and Main Street near the "Diamond".

The first covered storm sewer was built in Burkhart Avenue from Main Street to the Creek in 1823. This sewer had an inside height of 4½ feet and a width of 3½ feet.

The extension of this form of street repairs, grading, and sewers continued with some modifications until 1912 when the present brick paving was laid and plans adopted to continue this paving four blocks each year. This plan was not followed due to the increased cost of materials.

In 1918 a general plan of macadam construction and surface oiling was adopted and the Lincoln Highway and Main Street were paved first with water-bound macadam and treated with road oil. This is the first year that a large quantity of road oil was used as a maintenance and construction material. Prior to this time oil was used as a dust preventive and partially paid for by the property owners abutting on the streets treated.

This plan was continued until 1927 and 1928, when the Lincoln Highway and Main Street were again repaved with reinforced cement concrete.

In addition to all the usual maintenance works, such as patching, oiling, sweeping, and removing refuse from streets, snow removal, grading, dust control, etc., the following construction work was completed during 1938:—

Street construction: The following streets were paved with macadam, Park Avenue between Scotland Avenue and Edgar Avenue; Cleveland Avenue between Catherine Street and McKinley Street; South Street between Cleveland Avenue and Fourth Street; South Franklin Street between Queen Street and Loudon Street; Garber Street between Lincoln Way West and King Street; Wilson Avenue between Norland Avenue and Pennsylvania Avenue; and North Coldbrook Avenue between Nelson Street and King Street.

Alley construction: Bituminous concrete surfaces were placed on 5,400 linear feet of alleys in various parts of the Borough and 8,180 linear feet treated with surface oil and stone chips.

Storm water drain construction: A 1.5 foot by 3.5 foot cement concrete box storm water drain 720 feet long was completed on East Catherine Street; a 12 inch cement concrete pipe storm water drain was laid in an alley running Northward from High Street a distance of 150 feet and an 18 inch cement concrete pipe storm water drain was laid through the C. A. Evans property on West King Street a distance of 175 feet to properly drain the alley along the Southern side of the Cedar Grove Cemetery.

STREET DEPARTMENT REPORT

FOR THE YEAR ENDING DECEMBER 31, 1938

In presenting this report of the Street Department activities during 1938, we feel it is interesting to show in addition a comparative report of the works completed during the past twenty years. The progress in highway construction and maintenance has made necessary large expenditures for drainage structures and bridges.

Comparative report of streets, alleys, sewers, bridges, as of 1918 and 1938 showing works completed by the Street Department during the past twenty years:

STREET SURFACES

1918		1938
Square Yards		Square Yards
3,850.....	Oil Treated Water Bound Macadam.....	381,434
0.....	Oil Treated Bituminous Macadam.....	46,515
0.....	Reinforced Cement Concrete.....	72,663
14,712.....	Brick on Cement Concrete Base.....	14,712
0.....	Bituminous Concrete	11,835
302,400.....	Stone and Cinder.....	63,795
188,200.....	Clay or Slate.....	6,486
96,965.....	Not Opened.....	8,687
Total—606,127 sq. yds. or 30.936 miles.		

ALLEY SURFACES

1918		1938
Miles	Type	Miles
0.....	Reinforced Cement Concrete.....	1.04
0.....	Bituminous Concrete.....	2.30
0.....	Oil Treated Macadam.....	2.70
4.10.....	Stone and Macadam.....	13.59
17.90.....	Clay, Slate or Not Opened.....	2.37
Total—22.0 miles.		

UNDERGROUND SURFACE WATER DRAINS

1918		1938
Linear Feet	Type	Linear Feet
2,610.....	12" Terra Cotta Pipe.....	2,610
200.....	18" Terra Cotta Pipe.....	4,380
0.....	15" Terra Cotta Pipe.....	260
2,650.....	24" Terra Cotta Pipe.....	4,993
0.....	36" Terra Cotta Pipe.....	452
0.....	12" Concrete Pipe.....	470
0.....	15" Concrete Pipe.....	350
0.....	18" Concrete Pipe.....	684
775.....	24" Concrete Pipe.....	660
0.....	36" Concrete Pipe.....	800
0.....	18" Iron Pipe.....	1,050
0.....	3' x 2.5' Cement Concrete Box.....	1,662
0.....	4' x 3' Cement Concrete Box.....	1,467
0.....	3' x 3' Cement Concrete Box.....	8,385
0.....	4' x 4' Cement Concrete Box.....	6,726
0.....	2' x 2' Cement Concrete Box.....	150
0.....	1.5' x 3.5' Cement Concrete Box.....	720
6,235.....	Totals.....	35,819
31.....	Inlets.....	274

ENGINEERING DEPARTMENT

The office of the Borough Engineer in Chambersburg was created by Ordinance approved by the Burgess and Town Council on June 14, 1909.

The Town Council appoints the Borough Engineer, and they are the judges of what assistants shall be furnished. He shall furnish all engineering for all departments unless otherwise directed by Council: To make profiles and plans of all streets, alleys, sewers, bridges, and to keep proper records of same; To have charge of all Borough property not under the supervision of the Manager of Utilities; To have general supervision over all work of the Street Department and to report monthly to the Borough Council of all works completed; To keep records of locations of water, sewer, and gas pipes; To furnish and supply maps, charts, profiles, plans, specifications, estimates, data, and advice to Town Council, all committees, and officers of the Borough.

PUBLIC COMFORT STATION

A Public Comfort Station was built by the Borough of Chambersburg and the Commissioners of Franklin County in 1932 at a total cost of \$10,689.03, and is maintained jointly by them. The operation costs and repairs are divided. In 1938, the costs were \$1,131.68, of which the Borough paid \$570.63. In addition the Borough furnished water and electricity to the amount of \$545.83, and the County Commissioners furnished heat and janitor service, without charge.

Two attendants are employed and are on duty each day during the hours of operation to maintain order and keep the station in an orderly and sanitary manner.

The use made of this station has greatly exceeded the estimates made by the original promoters, and the records kept show that more than 2,000 people attended this station in one day.

PARKS AND PLAYGROUNDS

Small park areas are owned and maintained on Commerce Street, Grandview Avenue, Borough Farm, Memorial Fountain, and Fountain on Glen Street, and in addition the banks of the Conococheague Creek and Falling Spring are maintained and planted by the Borough.

The playground system has been developed in five small playgrounds with Henninger Field as the center of competitive events.

Practically all the playground equipment was purchased by the citizens in the vicinity of each playground and maintained by them until several years ago the Borough accepted the responsibility of all equipment, maintenance, and repairs. Wading pools have been constructed on the Fifth Ward and Stevens Playgrounds. Tennis courts are provided for Stevens, Fifth Ward, and Buchanan Playgrounds as well as at Henninger Field.

The playgrounds and activities are supervised by the Borough Engineer with a general supervisor, and a director at each playground. The programs are designed to have all presentations of activities as a unit, rather than on a competitive basis. The program continues for twelve weeks and consists of athletic activities, dramatics, handcraft, and music. All competitive contests are held on Henninger Field and Buchanan Playground Athletic Field where two men supervise the contests.

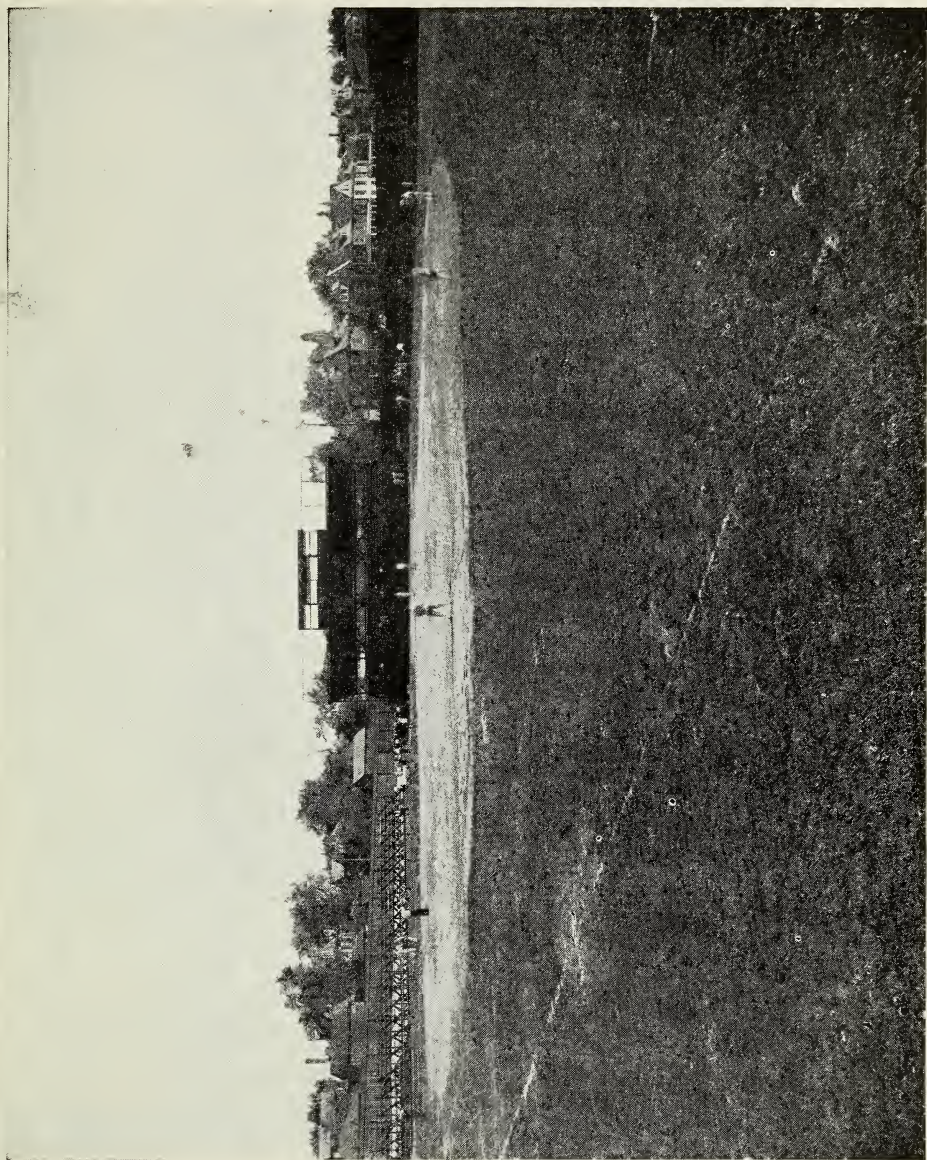
An addition of 3½ acres of ground was made to Henninger Field Playground, this addition being devoted entirely to playground equipment and play areas for children, it being a sufficient distance from the Athletic Field to prevent any injury to children by baseballs, etc.

A portable lighting system was purchased and installed this year to permit the playing of soft ball at night and the same lights were later used for night football by a local semi-pro team who played a full schedule.

During the year the Memorial Church Services for Firemen, band concerts, final marble shooting contests, Armistice Day Exercises, buffalo roast for sportsmen association, were held at Henninger Field in addition to the usual baseball, softball and football games.

HISTORY OF THE CHAMBERSBURG HEALTH BOARD

The first meeting of the Chambersburg Health Board was held in Council Hall, September 26, 1893. The following men—Dr. Johnston McLanahan, A. J. White, J. Brua Hoyer, and George Denton were sworn in as members by Burgess George A. Wood. Dr. John A. Bouse was appointed Health Officer.



HENNINGER FIELD

Dr. Johnston McLanahan was elected President of the Board, which office he held until October 3, 1912.

Among the first duties of the Board were the enacting of local sanitary measures which, in conjunction with the State regulation, began functioning shortly after its inception.

The Health Board was the outcome of an Act of the General Assembly of May 9, 1893, authorizing Chambersburg such a Board. Those who served as members of this Board until the present date are as follows:

Dr. Johnston McLanahan	H. A. Logue	Thomas K. Scheller
A. J. White	E. E. Foust	Dr. Guy P. Asper
Dr. John A. Bouse	Dr. J. J. Eckel	Dr. B. M. Beattie
Daniel O. Gehr	Dr. Paul D. Allen	J. W. Rearick
Dr. Helen Stewart	Morris Lloyd	C. P. Miller
Paul Walker	W. O. Nicklas	Geo. K. Lehner
J. Brua Hoyer	Jacob G. Schaff	Herman Kraiss
Capt. W. H. Mackey	Milton G. McDowell	Dr. L. H. Seaton
Daniel Harmony	George Denton	H. A. Kottcamp
T. C. Karper	W. L. Ritchey	James C. Clark
Geo. F. Arris	Dr. H. M. Miley	F. Lester Marshall

Mr. Morris Lloyd succeeded Dr. Johnston McLanahan as President in 1914, there being no record from October, 1912 to 1914, and continued in this office until his death in 1932, his successor being Dr. B. M. Beattie.

The duties of the Health Board have varied with conditions of the times, but the main actions have always been the maintaining of sanitary health measures concerning the public.

The records of 1893 show considerable controversy about the keeping of hogs within the Borough. With the advent of the sanitary sewer, the abolishing of cesspools and the connecting of houses to the sewer gave rise to a great many problems.

Contagious diseases and their control have always been one of the chief duties of the Health Board.

Other duties are seeing that the milk supply is brought to the consumer in the best possible condition as a palatable, healthful product, free of preservatives or adulterations, issuing of health certificates to those who work or are employed in restaurants, drug stores, hotels, eating-houses, etc., nuisances affecting the public are corrected and the general civic conditions of the city are observed.

During the year 1938, the Chambersburg Health Board, through its Health Officer, investigated 1,239 calls, issued 457 Health Certificates to employees in places handling food stuffs within the Borough, cared for 122 common nuisances and granted 8 permits to milk dealers. Three hundred and fifty-five cases of contagious diseases were reported to the Board during the year 1938.

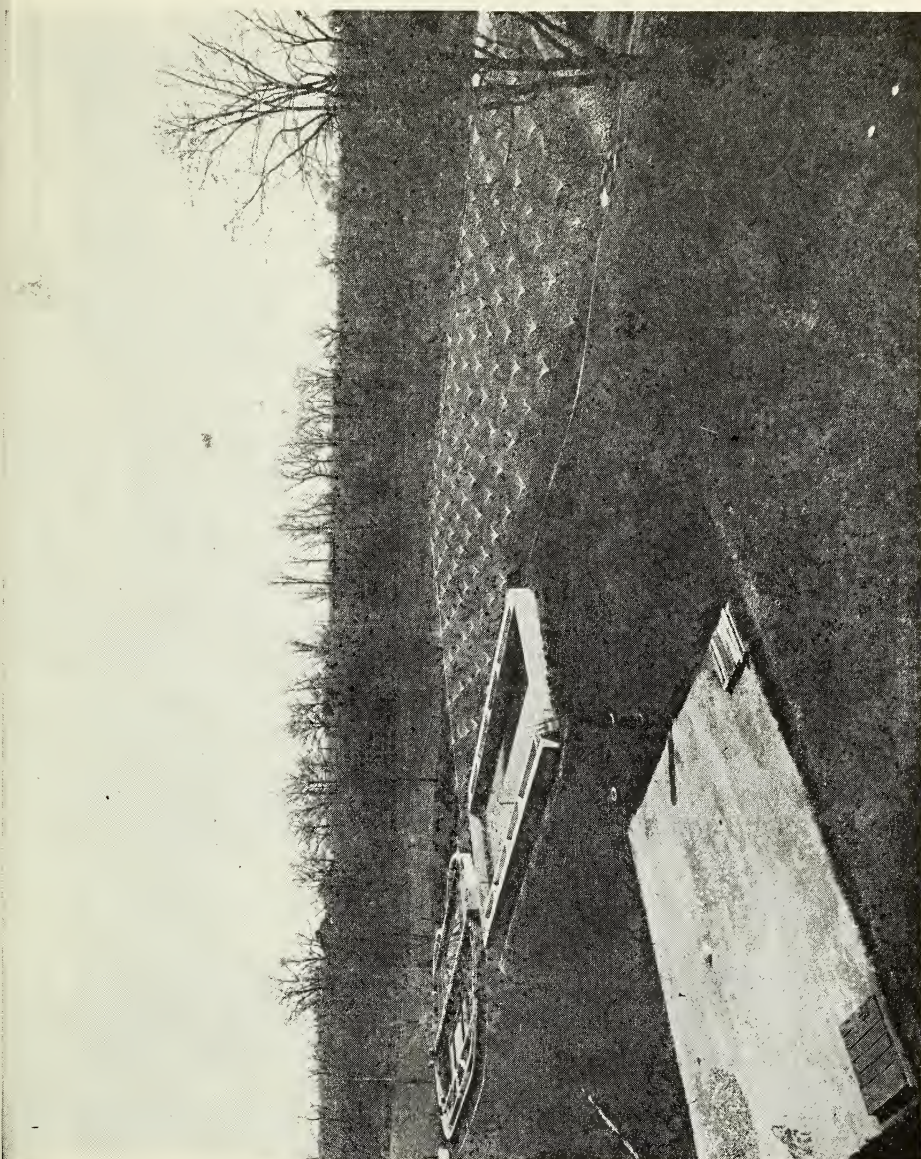
Fifty connections were made to the Sanitary Sewer.

Sediment testing of milk was made quarterly and the preservative test made annually.

Anyone whose milk registered unsatisfactory on two successive testings were refused the privilege of selling milk within the Borough for local distribution.

The Board meets the last Monday of each month in regular session with additional special meetings.

The members are Dr. B. M. Beattie, President; Dr. L. H. Seaton, Mr. James C. Clark, Mr. Paul Walker, Mr. F. Lester Marshall, and Mr. Frank J. Croft, Health Officer.



MUNICIPAL SANITARY SEWAGE DISPOSAL PLANT

HISTORICAL SKETCH OF CHAMBERSBURG SANITARY SEWER DEPARTMENT

When the Borough of Chambersburg decided in 1910 and 1911 to obtain its water supply from the State Forest at Caledonia, it was necessary to obtain a permit from the Pennsylvania State Health Department, and when the State Health Department issued this permit, it granted to Chambersburg the right to the water of Birch Run, but it also provided that, for this right, the Borough of Chambersburg was to install a Sanitary Sewerage System with a proper disposal plant of a capacity sufficient to take care of the town for twenty years to come.

The same Bond Issue, providing funds for the construction of the water supply line between the mountain and Chambersburg, provided also for sufficient bonds to put in a Sanitary Sewerage System in Chambersburg. This system was constructed and was put in service August 1, 1912, and has performed in a very satisfactory manner ever since. Since the initial installation, there has been another Imhoff tank constructed at the disposal plant, as well as two additional sludge filtering beds. As the building operations developed in the town, new laterals have been run, and at the present time the entire system consists of:

LATERALS

19.403	miles	8"
6.636	miles	10"
.263	miles	12"
.23	miles	15"
.074	miles	18"

Total 26.606 miles

TRUNK LINES

238.0	feet	10"
4,432.5	feet	12"
2,138.3	feet	15"
3,099.4	feet	18"
4,014.9	feet	24"
1,631.2	feet	20" x 30" concrete

Total 15,554.3 feet

At the present time there is a total of 156,138.5 feet or 29.57 miles of sewers, 119 Flush tanks, 682 Manholes, and 3,049 buildings are connected with the system.

For many years this plant was considered the model plant of the State of Pennsylvania by the Pennsylvania State Health Department. There are no charges for sewer service rendered by the Borough of Chambersburg, and this is a rather outstanding achievement when you stop to think that charges for sewer service run from \$8.00 to \$36.00 per year in the State of Pennsylvania.

The State Health Department insists on a very high standard of quality for the effluent from the Disposal Plant, and weekly reports are made to the Department showing each day's operation.

During 1938, many requests were received from property owners for extension of the Sanitary Sewer Service which resulted in a rather heavy construction program. During the year, requests were made for a total of 7,219' of various sizes of street lateral sewers. In addition to these requests, we had a carry-over program from 1937 of 3,325', which made a total of 10,544' to be constructed in 1938. Of this amount 4,348' were completed, leaving 6,196' for construction during 1939. With what was left of the construction program of 1938, and additional requests for sewer extensions, it would appear as if there would have to be constructed in 1939, 9,196'. All of the construction work, except 380' done by this department during 1938, was done under WPA Projects on which the Federal Government furnished all of the labor, while the Borough furnished all of the materials and equipment. This resulted in a final cost to the property owners of an assessment, on the front foot plan, of approximately 50% of what it would have been otherwise.

The total amount spent for labor, trenching and backfilling, by the Federal Government on 3,668' of lateral sewers, constructed under WPA Projects during the year, was \$17,160.93.

The sewers actually constructed in 1938 were as follows:

Wayne Avenue	258' of 10" lateral sewer
Coldbrook Avenue	267' of 8" lateral sewer
South Fourth Street	2,100' of 8" lateral sewer
Cleveland Avenue	700' of 8" lateral sewer
Wilson Avenue	248' of 8" lateral sewer
Alexander Avenue	395' of 8" lateral sewer
South Seventh Street	230' of 8" lateral sewer
Vine Street	150' of 8" lateral sewer
Total	4,348'

During 1936, studies were being made by Sanitary Engineers covering the reconstruction of the Sewage Disposal Plant, and during 1937, plans and estimates were submitted by the Engineers covering the necessary changes. The Engineer's estimates on the construction which would be necessary, totaled \$263,000.00. Just as soon as this information was given to the Borough Council, an application was filed, on June 7, 1938, with the Federal Emergency Administration of Public Works, requesting a money grant of \$118,354.76, this representing 45% of the estimated cost of construction. This request for grant was approved, and the Federal Government set aside this amount for this specific purpose.

Bids were received on the work on September 22, 1938, and the General Construction Contract, known as Contract No. 1, was immediately awarded.

The new Disposal Plant will be of the "separate digestion" type, and will have a twenty-four hour capacity of two million gallons of sewage. It is expected that all of this work will be completed in October or November of 1939.

The total sewage handled at the Sanitary Sewage Disposal Plant during 1938 was 355,688,920 gallons. The total cost for the operation and maintenance of the plant during the year 1938 was \$9,452.56. The average cost for handling the sanitary sewage during 1938 was 2.65 cents per 1,000 gallons.

ANNUAL REPORT OF THE PLUMBING INSPECTOR

In the early part of the year 1938, a State Law went into effect known as "An Act Governing Plumbing for House or Building Drainage in Pennsylvania in Cities of the Second and Third Class, in Boroughs Having a Population of Three Thousand Five Hundred (3,500) or More, in Incorporated Towns, and in Townships of the First Class." This Act provides for the appointment of a Plumbing Inspector in each of the political subdivisions covered by the Act. The Borough of Chambersburg Town Council appointed to this position Mr. William Grove, after he had taken the State Examination at Harrisburg, and been duly registered as a "Master Plumber." During the year, the Plumbing Inspector has had submitted to him 236 sets of plans covering new work, for his inspection and approval, covering in all, the inspection and supervision of tests on 544 fixtures which involved the making of 560 trips. He inspected and tested the plumbing work and fixtures in 37 new houses, involving 245 fixtures. During the year, there were 16 dwellings converted into apartments, which involved the inspection and testing of 114 fixtures. There were 128 alterations and replacements, involving the inspection and testing of 185 fixtures. The development of this particular service will undoubtedly mean much in the way of health and comfort to the citizens of Chambersburg in the future.

STATEMENT OF RECEIPTS AND EXPENDITURES OF THE BOROUGH OF CHAMBERSBURG, PENNSYLVANIA, FROM JANUARY 1st, 1938, TO JANUARY 1st, 1939

Receipts

Balance in Treasurer's Account		
January 1, 1938		\$ 1,871.07
Edgar W. Diehl, 1938-1939 Tax		
Duplicate	\$ 6,699.22	
Walter P. Bitner, 1937-1938 Tax		
Duplicate	664.20	
George H. Bitner Est., 1936-1937		
Tax Duplicate	211.84	
George H. Bitner Est., 1935-1936		
Tax Duplicate	84.59	
George H. Bitner Est., 1934-1935		
Tax Duplicate	131.68	
George H. Bitner Est., 1933-1934		
Tax Duplicate	8.66	
George H. Bitner Est., 1932-1933		
Tax Duplicate	2.87	
		\$ 7,803.06
Licenses, Circus	\$ 20.00	
Licenses, Peddlers	119.00	
Licenses, Beverages	3,566.67	
Sewer Permits	195.00	
Building Permits	58.00	
Digging Permits	13.00	
		3,971.67

Fines, W. R. Kieffer, Justice of the Peace	\$ 100.00	
Fines, John S. Gillan, Justice of the Peace	192.00	292.00
Market Master		290.50
Tax Liens		2,062.98
Lateral Sewers		5,727.49
Ambulance Collections		576.35
Pole Tax, W. U. Tel. Co.		15.60
Pole Tax, United Tel. Co.		218.20
Street Paving Liens and Interest	\$ 142.65	
Repairs to Streets	417.74	
Sale of Materials	460.90	
Rental of Equipment	311.12	
Resurfacing Private Driveways and Parking Lots	292.17	
Refund Paving Lien Costs	5.40	
Miscellaneous Street	18.65	
		1,648.63
Commonwealth of Pennsylvania Fire Insurance Company Tax		2,168.88
Henninger Field Lighting		17.10
Insurance Refund		86.73
Building Sidewalks, Curbs, and Gutters		3,422.07
Rental of Henninger Field		314.64
Rental of Borough Properties ..		443.43
Miscellaneous Sewer Department		37.69
Miscellaneous Police Department		155.80
Miscellaneous Fire Department .		137.12
Miscellaneous Engineering Department		4.24
Miscellaneous General Borough .		289.18
Transfer from Disposal Plant Construction Fund		3,760.32
Transfer from Electric Light Department		144,000.00
Transfer from Water Department		6,500.00
		<u>\$185,814.75</u>

Expenditures

Salaries

Clerks and Bookkeeper	\$ 3,950.25	
Borough Engineer	2,520.00	
Drafting Department	3,932.65	
Treasurer	200.00	
Borough Attorney	1,200.00	
Burgess	360.00	
Auditors	375.00	
Market Master	1,295.84	
Plumbing Inspector	1,437.50	
		\$ 15,271.24

Board of Health

Salary	\$ 1,500.00	
Supplies	147.20	
Donation to Community Nurse ..	75.00	
	<hr/>	1,722.20

Police Department

Salaries	\$ 16,662.91	
Equipment and Supplies	574.96	
Maintenance and Repairs to Motor Equipment	380.83	
New Motor Equipment	479.31	
Uniforms	518.75	
Telephone and Telegraph	237.42	
Traffic Signs, Signals and Repairs	497.26	
Fuel	45.12	
Gas and Oil	388.04	
Repairs to Building	76.64	
Insurance	5.89	
Salaries, Extra Police	98.80	
Miscellaneous	240.65	
	<hr/>	20,206.58

Street Department

Maintenance of Streets:

Patching	\$ 3,868.87
Surface Oiling	2,023.29
Hand Sweeping	2,929.74
Motor Sweeping	1,400.64
Removal of Snow	866.52
Labor and Material Grading Streets	515.26

Maintenance of Alleys:

Patching	\$ 1,897.07
Sweeping	89.88
Surface Oiling	309.28
Dust Prevention and Weed Re- moval	857.58
Grading	5.53

Maintenance and Repairs:

Storm Sewers	\$ 267.50
Bridges	77.83
Operation, Maintenance and Re- pairs to Garage	1,581.92
Purchase and Repairs to Tools	587.63
Operations and Repairs to Equipment	2,861.41
Construction of Streets	15,021.66
Construction of Alleys	9,076.53
Construction of Storm Sewers	4,363.63

Office Supplies, Insurance, etc.	916.15	
Purchase of Equipment	4,481.25	
Private Work	845.48	
Maintenance and Repairs to Property	1.00	
Engineering Supervision	475.76	
		55,321.41

Disposal Plant

Salaries	\$ 1,016.64	
Office Supplies, Printing and Postage	60.64	
Labor	3,543.89	
Hydrated Lime	735.00	
Fuel	67.85	
Lamps	4.89	
Engineering	14.88	
Maintenance and Repairs, Build- ing and Grounds	290.40	
Maintenance and Repairs, Pumps	53.32	
Maintenance and Repairs, Engine	1.40	
Maintenance and Repairs, Tanks and Filter Beds	652.56	
Maintenance and Repairs, Sludge Beds	1,047.60	
Maintenance and Repairs, Elec- tric Equipment	90.99	
Purchase of Tools and Instru- ments	3.54	
Removal of Sludge	660.23	
Improvement Work	2,701.78	
		10,945.61

Fire Department

No. 1 Friendship:

Driver's Salary	\$ 1,816.96	
Supplies	259.11	
Repairs to Equipment	366.85	
Repairs to Building	6,788.73	
Telephone	25.65	
Laundry	15.29	
Coal	72.75	
Insurance	67.20	
Gas and Oil	32.60	
New Hose	275.28	
Miscellaneous	79.93	
		9,800.35

No. 2 Junior:

Driver's Salary	\$ 1,856.96
Supplies	163.80
Repairs to Equipment	99.14
Repairs to Building	195.07
Telephone	25.80

Laundry	3.69	
Coal	92.50	
Insurance	134.40	
Gas and Oil	39.32	
New Hose	275.28	
Miscellaneous	48.85	
	<hr/>	2,934.81

No. 3 Good Will:

Driver's Salary	\$ 2,050.68	
Supplies	151.56	
Repairs to Equipment	117.80	
Repairs to Building	4.42	
Telephone	25.80	
Laundry	12.06	
Coal	139.00	
Insurance	134.40	
Gas and Oil	26.65	
New Hose	275.28	
Miscellaneous	108.38	
	<hr/>	3,046.03

No. 4 Franklin:

Driver's Salary	\$ 1,817.44	
Supplies	109.58	
Repairs to Equipment	169.88	
Repairs to Building	1,883.34	
Telephone	27.80	
Laundry	12.66	
Coal	83.65	
Insurance	134.40	
Gas and Oil	15.69	
New Hose	275.29	
Miscellaneous	124.99	
	<hr/>	4,654.72

No. 5 Cumberland Valley:

Driver's Salary	\$ 1,817.44	
Supplies	108.73	
Repairs to Equipment	86.75	
Repairs to Building	174.63	
Telephone	25.80	
Laundry	8.60	
Coal	98.13	
Insurance	67.20	
Gas and Oil	15.93	
New Hose	275.29	
Miscellaneous	81.08	
	<hr/>	2,759.58

General Fire Department

Maintenance and Repairs to Alarm System	\$ 578.95	
Construction and Equipment	21.02	
Miscellaneous	79.74	
	<hr/>	679.71

Sewers

Salaries	\$ 900.00
Maintenance and Repairs	718.67
Sewer Inspection	75.12
Extension of Sewers	11,492.72

13,186.51

Miscellaneous

Office Supplies, Printing and Postage	\$ 1,713.35
Supplies, Engineering Department	650.52
Farm Maintenance	78.08
City Hall Maintenance	1,244.08
Insurance, Fire and Accident ...	3,681.82
Maintenance and Repairs, Parks and Playgrounds	3,807.21
Purchase and Improvements, Parks and Playgrounds	1,612.33
Maintenance, Building and Grounds	65.40
Premium Surety Bonds	250.00
Recording Liens	441.95
Coyle Free Library	2,500.00
Maintenance and Repairs to Ambulance	582.03
Telephones	393.78
Maintenance, Comfort Station ..	570.63
W. P. A. Projects	4,479.10
New Traffic Signals and Installation	11,163.68
Purchase of Mary Thomas Property	800.00
Appropriation, American Legion Band	400.00
Appropriation, Spanish War Veterans	75.00
Electric Fan, Council Hall	71.25
Desks, Chairs, etc., Council Hall	68.45
Labor, "Nite Sports Association"	411.43
Labor, High School Foot Ball ..	430.88
Installation Tennis Court Lighting	115.03
Installation Flood Lights, Fountain	44.67
Labor, Moving Cannon, Fire Plugs, etc.	126.89
Expenses, Firemen's Convention .	43.47
Attachment	30.00
Commission on Rent of Borough Properties	27.45
Labor, Counting Poles	33.90
Refund Taxes	6.46
Maintenance of Incinerator	360.00

Fire Insurance Tax Refund	2,168.88	
Printing and Postage, Tax Collector	141.84	
Expenses, Borough Officials at Convention	218.00	
Expenses, Borough Solicitor	57.55	
Christmas Lighting	108.39	
Expenses, Clean-Up Week	430.25	
Tax Collectors' Commissions ...	249.72	
Transfer to Borough Fire Fund .	5,000.00	
Miscellaneous	184.22	
	<hr/>	44,837.69
Balance in hands of Treasurer, January 1st, 1939		448.31
		<hr/>
		\$185,814.75

DISPOSAL PLANT—CONSTRUCTION FUND

Receipts

Sale of 2% Improvement Bonds	\$100,000.00	
Deposit on Plans	20.00	
Interest accrued on 2% Improvement Bonds (30 days)	166.66	
	<hr/>	\$100,186.66

Expenditures

Construction Expenditures	\$ 15,305.95	
Transfer to General Borough Account for expenses incurred prior to Construction Fund ..	3,760.32	
Balance in hands of Treasurer, January 1, 1939	81,120.39	
	<hr/>	\$100,186.66

BOROUGH FIRE FUND

January 1, 1938, Balance in Fire Fund	\$ 27,182.47	
\$5,000.00 Bonds of Borough of Mercersburg	5,100.15	
Transfer from General Borough Account	5,000.00	
Interest, Bank Balance	674.53	
Interest, Coupons on Bonds	212.50	
	<hr/>	\$38,169.65
\$5,000 Bonds of Borough of Mercersburg	\$ 5,100.15	
Balance in Fire Fund Account, January 1, 1939	33,069.50	
	<hr/>	\$38,169.65

TAX COLLECTOR'S ACCOUNT

	<i>Borough</i>	<i>Bond</i>	<i>Borough</i>	<i>Bond</i>	<i>Total</i>
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Dr.

Duplicate 1928-1929 as shown by Auditors' Report January 1, 1938					\$ 202.62
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Cr.

January 1, 1939, Balance outstanding on duplicate jointly collected by Geo. H. Bitner and Paul D. Tarner					\$ 202.62
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Dr.

Duplicate 1934-1935 as shown by Auditors' Report January 1, 1938	\$ 597.54	\$ 585.20			
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Cr.

Amount paid Treasurer by Geo. H. Bitner Estate	\$ 131.68	\$ 115.81			
Exonerations allowed by Council	\$ 465.86	\$ 469.39	\$ 597.54	\$ 585.20	

Dr.

Duplicate 1935-1936 as shown by Auditors' Report January 1, 1938	\$ 302.57	\$ 1,136.67			
Taxes Collected, previously exonerated	22.75		\$ 325.32	\$ 1,136.67	

Cr.

Amount paid Treasurer by Geo. H. Bitner Estate	\$ 84.59	\$ 385.16			
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Exonerations allowed by Council	184.35	551.06		
Liens entered during 1938	56.38	177.70		
Amount collected in excess of Borough duplicate credited to Bond duplicate			22.75 \$	325.32 \$ 1,136.67

Dr.

Duplicate 1936-1937 as shown by Auditors' Report January 1, 1938			\$ 492.23	\$ 1,559.88
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Cr.

Amount paid Treasurer by Geo. H. Bitner Estate	\$ 211.84	\$ 713.58		
Liens entered during 1938	88.24	264.53		
Exonerations allowed by Council	192.15	581.77	\$ 492.23	\$ 1,559.88

Dr.

Duplicate 1937-1938 as shown by Auditors' Report January 1, 1938	\$ 1,128.93	\$ 3,423.75		
Penalty added 5%	40.79	124.06	\$ 1,169.72	\$ 3,547.81

Cr.

Amount paid Treasurer by Walter Bitner .	\$ 664.20	\$ 1,979.57		
Liens entered during 1938	331.30	996.34		
Exonerations allowed by Council	174.22	571.90	\$ 1,169.72	\$ 3,547.81

Dr.

Duplicate 1938-1939			\$ 8,115.04	\$ 24,339.89
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Cr.

Amount collected to November 1, 1938	\$ 6,666.83	\$19,976.00		
Abatement on amount collected to November 1, 1938	350.89	1,051.36		
Collected November 1, 1938 to January 1, 1939	32.39	93.46	\$ 7,050.11	\$21,120.82
<hr/>				
Balance to be collected January 1, 1939			\$ 1,064.93	\$ 3,219.07

SUMMARY TAX DUPLICATE

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Total</i>
January 1, 1939, Duplicate 1928-1929			\$ 202.62	
January 1, 1939, Duplicate 1938-1939	\$ 1,064.93	\$ 3,219.07		
<hr/>				
	\$ 1,064.93	\$ 3,219.07	\$ 202.62	\$ 4,486.62

STATEMENT BOND DEPARTMENT

Receipts

Balance in hands of Treasurer January 1, 1938	\$11,543.59
Tax Duplicate 1932-1933, Geo. H. Bitner Estate	\$ 2.87
Tax Duplicate 1933-1934, Geo. H. Bitner Estate	8.66
Tax Duplicate 1934-1935, Geo. H. Bitner Estate	115.81
Tax Duplicate 1935-1936, Geo. H. Bitner Estate	385.16
Tax Duplicate 1936-1937, Geo. H. Bitner Estate	713.58
Tax Duplicate 1937-1938, Walter P. Bitner	1,979.57
Tax Duplicate 1938-1939, Edgar W. Diehl	20,069.46
	<hr/>
Accrued Interest on 2% Improvement Bonds	\$23,275.11
	166.66
	<hr/>
	\$34,985.36

Expenditures

Bonds Redeemed	\$16,000.00	
Interest Paid (Coupons)	4,543.50	
State Tax	67.76	
Commission Account, Corporate Loan Report, Wm. M. L. Etter	3.67	
Geo. H. Bitner Estate and Walter P. Bitner, Commissions	102.59	
Edgar W. Diehl, Commissions	642.23	
Transfer to Disposal Plant Construction Fund, Accrued Interest	166.66	
Balance in hands of Treasurer January 1, 1939	13,458.95	
	<hr/>	\$34,985.36

BOND DEPARTMENT—SINKING FUND

Balance in Sinking Fund January 1, 1938, (Four Banks)	\$ 4,046.90	
Interest Received, (Four Banks)	93.60	
	<hr/>	\$ 4,140.50
Balance in Sinking Fund January 1, 1939, (Four Banks)	\$ 4,140.50	
	<hr/>	\$ 4,140.50

TAX LIENS

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Interest</i>	<i>Total</i>
Balance to be col- lected January 1, 1938	\$ 3,902.99	\$ 3,951.54	\$ 27.33		\$ 7,881.86
Liens entered dur- ing 1938	475.92	1,438.57		\$ 103.76	2,018.25
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 4,378.91	\$ 5,390.11	\$ 27.33	\$ 103.76	\$ 9,900.11
Amount collected during 1938 ...	832.65	1,123.57		103.76	2,059.98
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	3,546.26	\$ 4,266.54	\$ 27.33	\$ 0.00	\$ 7,840.13
Exonerated from Penalty	17.82	23.25			41.07
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 3,528.44	\$ 4,243.29	\$ 27.33		\$ 7,799.06
Liens not revived	1.51	1.93			3.44
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Balance to be col- lected January 1, 1939	\$ 3,526.93	\$ 4,241.36	\$ 27.33		\$ 7,795.62

LATERAL SEWER ASSESSMENTS

Assessments made during 1938	\$6,079.01	
Interest accrued	8.32	
	<hr/>	\$6,087.33
Collected during 1938	\$4,921.32	
Interest collected	8.32	
Liens entered 1938	699.52	
Balance to be collected January 1, 1939	458.17	
	<hr/>	\$6,087.33

LATERAL SEWER LIENS

Balance to be collected January 1, 1938	\$6,496.77	
Sewer assessments entered as liens	699.52	
Interest accrued	266.90	
Costs accrued	94.20	
	<hr/>	\$7,557.39
Collected during 1938	\$ 524.22	
Interest collected	273.63	
Costs collected	94.20	
Balance to be collected January 1, 1939	6,665.34	
	<hr/>	\$7,557.39

PAVING LIENS

Balance to be collected January 1, 1938	\$2,625.98	
Concrete Sidewalk Liens entered 1938	93.46	
Interest accrued	49.92	
Costs accrued	5.40	
	<hr/>	\$2,774.76
Collected during 1938	\$ 165.80	
Interest collected	51.85	
Costs collected	5.40	
Balance to be collected January 1, 1939	2,551.71	
	<hr/>	\$2,774.76

HARRY R. GEARHART,
 ALBERT S. HENNEBERGER,
 HERBERT C. KEEFER,
Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG WATER DEPARTMENT

The first attempt made to furnish water, under pressure, to the citizens of Chambersburg, was made by the Chambersburg Water Company, of which Mr. James Riddle was President, in 1817. This company furnished water, under pressure, through a wooden pipe system, which consisted simply of pine logs with suitable hole bored through them from end to end and the logs fastened together end to end. Water was furnished until 1875 or 1876. The pump for this system was located on the South side of the Falling Spring at a point almost directly in line with the buildings of the Chambersburg Hospital and the dwelling house on the farm now owned by the T. B. Wood Estate, and was driven by a water wheel. The reservoir was located where the present buildings of the Chambersburg Hospital now stand, and during the construction of the new portion of the Hospital, traces of the old reservoir structure were uncovered, and some of the old wooden pipe was dug up. The pressure under which this water was furnished must have, of necessity, been quite low, and the old records show that the system, as a whole, was not satisfactory.

On March 1, 1875, the following men were elected to the Chambersburg Town Council: W. B. Gilmore, Jacob H. Miller, Samuel M. Worley, J. P. Culbertson, John C. Gerbig, John Suesserote, Thomas Cook, and David Harmony with G. W. Nitterhouse as Burgess. On July 17, 1875, this body took action setting Friday, August 20, 1875, as an election day for voting on a bond issue not to exceed \$60,000.00, for the purpose of erecting a suitable water works. This election was duly held, and the official count reported at a special meeting of Council held August 21, 1875, was as follows:

In favor of the Bond Issue	648
Not in favor of the Bond Issue	317

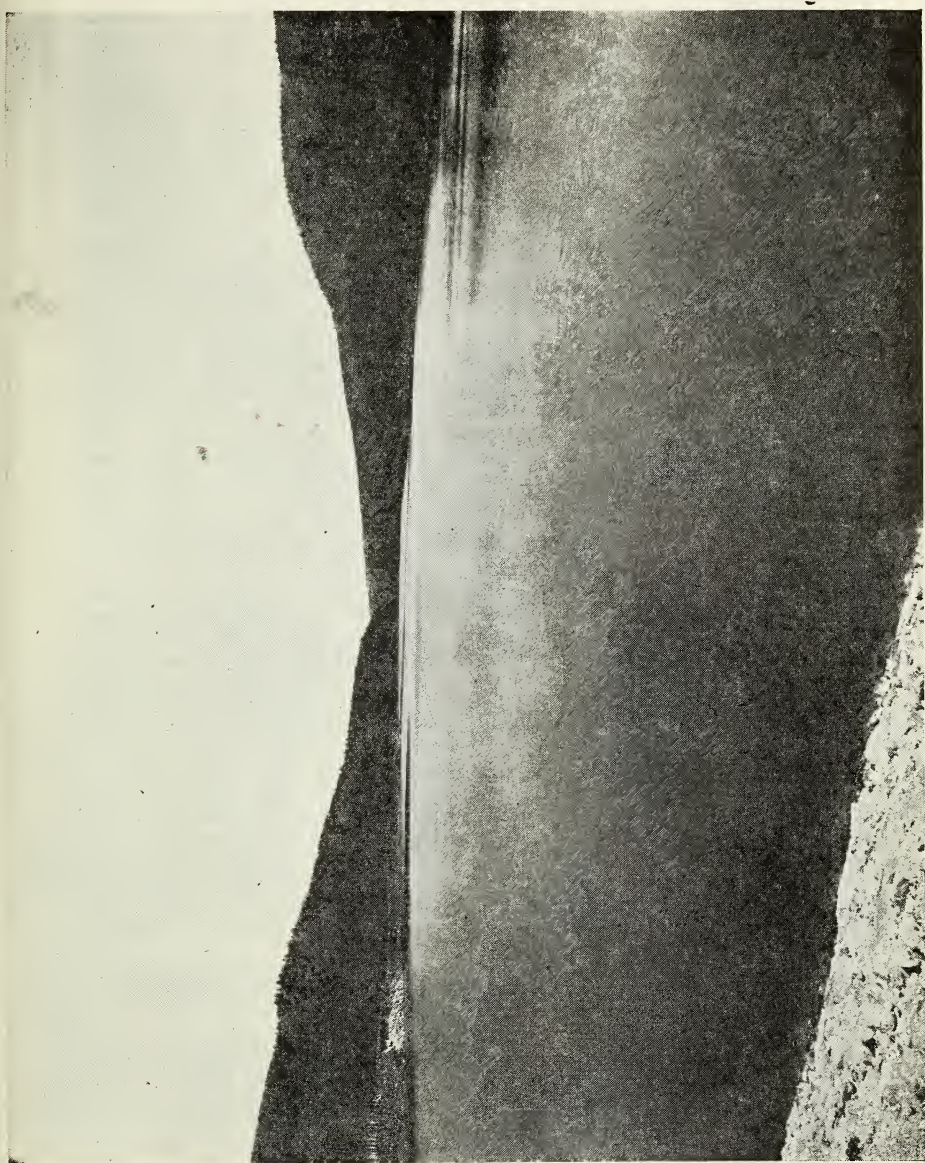
This was the beginning of the Borough of Chambersburg entering into the business of supplying water to its citizens.

Bids were received for the necessary equipment on September 25, 1875, and the contract was awarded to H. P. M. Birkenbine at a price of \$53,850.00, which covered a one million gallon pump, boiler, one million gallon reservoir, 28 fire plugs, 5,400 feet of 10 inch pipe, 1,750 feet of 8 inch pipe, 7,693 feet of 6 inch pipe, and 18,500 feet of 4 inch pipe, or a total of 6.3 miles of pipe. It is a matter of some interest to note that all of this old pipe and some of the old Birkenbine fire plugs are still in service in Chambersburg today.

This action on the part of the Borough was contested by the Chambersburg Water Company, but, in the end, all of the actions of Council were upheld by the Courts.

This first pumping plant, a steam operated one, was located on the West Bank of the Conococheague Creek almost directly opposite the foundry of the Wolf Company, and has always been known locally as the Birkenbine Pumping Plant. In 1891, a water driven pumping plant was installed at the C. B. Gish mill, afterward known as Siloam, and another reservoir constructed with a capacity of 2,000,000 gallons, on the farm of Joseph Horst. A 2,000,000 gallon steam pumping plant is held in readiness to operate at Siloam and can be placed in service in 10 hours in an emergency.

1938



387,000,000 GALLON IMPOUNDING RESERVOIR

In 1910 and 1911, the Conococheague Creek at Siloam, as a source of water supply was abandoned by the Borough, and a supply brought in by gravity from the State Forest at Caledonia. This was a vast improvement over any of the other supplies that the Borough of Chambersburg had been using, but the drought of 1931, 1932 and 1933 brought very forcibly to the attention of the authorities that the supply might, under certain conditions, become quite inadequate. To guard against any shortage of water that might possibly occur, the Borough of Chambersburg proceeded to build a storage dam, at Caledonia across the Birch Run Valley, which holds 387,000,000 gallons of water. This dam will be held entirely full at all times for emergency purposes, and will supply the town, when using 2,000,000 gallons of water per day, for 193 days. if there was not a drop of water flowing into the dam in all that time.

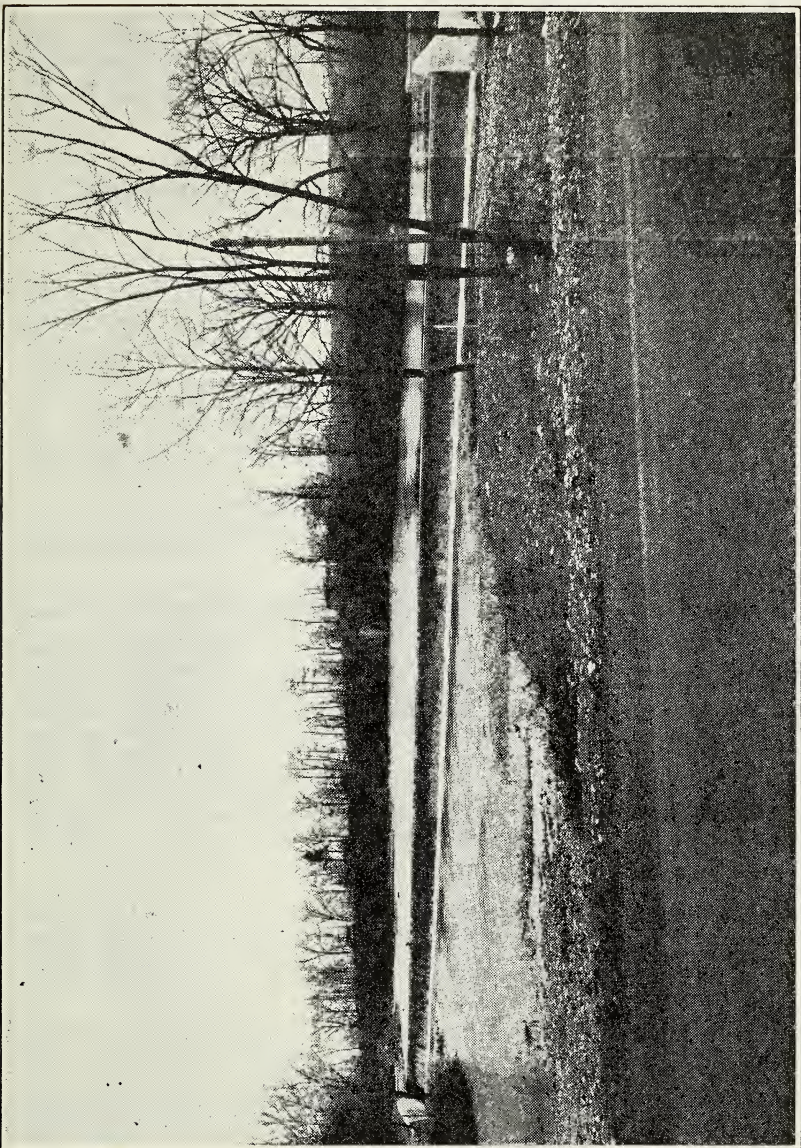
In 1938, due to a rather unusual distribution of summer rainfall, the run-off of water on the Birch Run Water Shed in the South Mountain was the lowest of any recorded since the Borough of Chambersburg has been obtaining its water from this source. This condition was not confined to the South Mountain region embracing Birch Run, but there were other places over Franklin County in which the same thing occurred. Due to this shortage of rainfall in this section, by July 4, 1938, the Borough of Chambersburg was taking all of the water that was coming into the large impounding dam from Birch Run, and as the season progressed, the water kept falling in the dam and did not flow over the spillway again until December 8, 1938. During this period, all of the water of Birch Run was being used and the storage dam had been drawn on to the extent of 66,000,000 gallons. Certainly the past season has fully justified the construction of the storage dam. Had we not had this storage, undoubtedly water restrictions would have been in force in Chambersburg.

It is interesting to note that during the fire which destroyed a large portion of the Central Presbyterian Church, there was being taken from the water system of the Borough of Chambersburg, by the fire apparatus and ordinary services, water at the rate of 4,400,000 gallons per day. This is twice the rate of the ordinary maximum demand. When this water was being taken at this rate, the pressure drop in Chambersburg was 33 pounds, or a reduction from 73 pounds to 40 pounds. This condition could not have been met with the old water system.

In March, 1938, the concrete dam at the Siloam Pumping Station, which had been very poorly constructed originally, was under-cut by high water, and a portion of it collapsed. Council authorized the construction of a new concrete dam in approximately the same location, and a grant was obtained from the Federal Emergency Administration of Public Works in the amount of \$8,100.00. Work was started on this dam on October 6, 1938, and was completed on December 31, 1938. The entire cost of the dam was \$14,484.95, of which the Federal Government contributed \$6,513.73.

During the year, the following water main extensions were constructed on the front foot assessment plan:

Alexander Avenue	367' of 6" line
Bishop Avenue	215' of 6" line
Coldbrook Avenue	226' of 6" line
Wilson Avenue	243' of 6" line
Vine Street	175' of 6" line



SILOAM DAM

The total cash and credits in this Department for 1938 were \$64,150.98, and the total operating and non-operating expenses were \$27,884.79, including depreciation amounting to \$12,038.24, which leaves a total gross profit, exclusive of interest charges, of \$36,266.19.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this Department, after the making of a complete appraisal. The Reproduction Value New less accrued depreciation, as of December 31, 1938, is \$1,165,480.77.

PHYSICAL DATA OF BOROUGH OF CHAMBERSBURG WATER DEPARTMENT

JANUARY 1, 1939

Population of Borough	14,000
Area of Water Shed	17.75 Square Miles
Elevation of Impounding Reservoir ...	1,091.75 Feet above Sea Level
Elevation of Intake Dam	975 Feet above Sea Level
Elevation of Dull Hill Reservoir	801 Feet above Sea Level
Elevation of Horst Reservoir	712 Feet above Sea Level
Elevation of Reservoir Hill Reservoir	707 Feet above Sea Level
Elevation of Memorial Square	615 Feet above Sea Level
Total Head from Intake to Town	360 Feet

Present 24 Hour Capacity from Michaux State Forest
by Gravity with 40 Pounds Average pressure in
Chambersburg 5,500,000 Gallons

Emergency Steam Operated Plant at
Siloam, Capacity 2,500,000 Gallons in 24 Hours

Storage Capacity of Impounding Reservoir 387,000,000 Gallons
Storage Capacity of Dull Hill Reservoir 2,200,000 Gallons
Storage Capacity of Horst Reservoir 2,000,000 Gallons
Storage Capacity of Reservoir Hill Reservoir 1,000,000 Gallons
Storage Capacity of Stand Pipe 55,000 Gallons
Total Storage Capacity 392,255,000 Gallons
Days Supply @ 1,684,471 G. P. D. if no water came from Mountain 3.12

Days Supply @ 1,684,471 G. P. D. in Impounding Reservoir 229.75
Total Days Supply Stored @ 1,684,471 G. P. D. 232.87

Miles of Mains in Borough Limits

14 Inch	0.42 Miles	4 Inch	11.65 Miles
12 Inch	2.53 Miles	2 Inch	0.65 Miles
10 Inch	4.05 Miles	1½ Inch	0.18 Miles
8 Inch	4.36 Miles	1 Inch	0.37 Miles
6 Inch	12.10 Miles		

Total of all Mains in Borough Limits 36.31 Miles

Miles of Mains outside Borough Limits

16 Inch	2.43 Miles	6 Inch	1.03 Miles
14 Inch	17.81 Miles	4 Inch .....	.09 Miles
12 Inch	1.29 Miles		

Total of all Mains outside Borough Limits	22.65 Miles
Total of all Mains inside and outside Borough Limits	58.96 Miles
Total Number of Fire Hydrants on System	219
Total Number of Sewer Flush Tanks on System	119

Active Services

8 Inch	5	1½ Inch	20
6 Inch	10	1¼ Inch	30
4 Inch	25	1 Inch	220
3 Inch	4	¾ Inch	3,114
2½ Inch	1	½ Inch	92
2 Inch	32		

Total of all Active Services	3,553
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Inactive Services

2 Inch	4	¾ Inch	73
1 Inch	12	½ Inch	2

Total of all Inactive Services	91
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Total of Active and Inactive Services	3,644
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Valves inside Borough Limits	592
Valves outside Borough Limits	80
Total Valves in System	672

Number of Domestic Consumers inside Borough Limits	3,187
Number of Domestic Consumers outside Borough Limits	189
Total Number of Domestic Consumers	3,376
Number of Industrial Consumers	43
Number of Railroad Consumers	4
Number of Public Consumers	39
Number of Free Consumers	26
Total Number of Metered Consumers—Active	3,488

Meters on System January 1, 1939

8 Inch	4	1½ Inch	26
6 Inch	6	1¼ Inch	2
4 Inch	15	1 Inch	29
3 Inch	12	¾ Inch	102
2 Inch	26	½ Inch	3,348

Total Number of Meters on System	3,570
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Data for Year 1938

Total Cubic Feet Registered by Master Meters	81,977,600
Total Cubic Feet Furnished Domestic Consumers	29,469,133
Total Cubic Feet Furnished Industrial Consumers	15,956,299
Total Cubic Feet Furnished Railroad Consumers	7,141,957
Total Cubic Feet Furnished Public Consumers	4,997,782
Total Cubic Feet Furnished Free Consumers	3,042,063

Estimated Total Cubic Feet Furnished for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	5,110,000
Total Cubic Feet Accounted For	65,717,234
Total Cubic Feet Lost between Master Meter and Consumer	16,260,366
Percentage Lost between Master Meter and Consumer	19.8%
50% of Loss is in Mains	8,130,183
45% of Loss is in Service Pipes	7,317,165
5% of Loss is due to under-registration of Meters	813,018
Average Cubic Feet Registered by Master Meter per day ..	224,596
Average Cubic Feet Used by Consumers per Day	180,047
Average Cubic Feet Unaccounted for per Day	44,549
Average Gallons Registered by Master Meter per Day	1,684,471
Average Gallons per Day per Domestic Consumer	179
Average Gallons per Day per Industrial Consumer	7,625
Average Gallons per Day per Railroad Consumer	36,688
Average Gallons per Day per Public Consumer	2,633
Average Gallons per Day per Free Consumer	2,404
Estimated Average Gallons used per Day for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	105,000
Average Gallons per Day used for all Purposes	1,350,354
Average Gallons per Day Unaccounted For	334,117
Average Gallons per Capita per Day Domestic	43.3
Average Gallons per Capita per Day Industrial	23.4
Average Gallons per Capita per Day Railroad	10.5
Average Gallons per Capita per Day Public	7.3
Average Gallons per Capita per Day Free	4.5
Average Gallons per Capita per Day Flushing Fire Hydrants, etc.	7.5
Total Average Gallons per Capita per Day Consumption	96.5
Received from Water Sale for Domestic Purposes Inside Borough	\$31,581.32
Received from Water Sale for Domestic Purposes Outside Borough	\$ 3,978.83
Total Received from Water Sale for Domestic Purposes ..	\$35,560.15
Total Received from Water Sale for Industrial Purposes ..	\$ 8,852.14
Total Received from Water Sale for Railroad Purposes ...	\$ 2,308.97
Total Received from Water Sale for Public Purposes	\$ 2,401.03
Total Received from Sale of Meters, Cocks, and Accessories	\$ 7,067.84
Total Received from All Sources	\$56,190.13
Total Credits for Water Furnished Free Consumers and other Borough Departments	\$ 7,960.85
Total Receipts and Credits	\$64,150.98
Cash Receipts from Water Sale for All Purposes 1938	\$49,122.29
Cash Receipts from Water Sale for All Purposes 1937	\$50,414.36
Decrease in Receipts from Water Sale for the Year	\$ 1,292.07
Cash Receipts from Sale of Meters, Cocks, and Accessories 1938	\$ 7,067.84
Cash Receipts from Sale of Meters, Cocks, and Accessories 1937	\$ 3,748.30
Increase in Receipts from Sale of Meters, etc. for the Year ..	\$ 3,319.54

Average Received per 1,000 Cubic Feet from Domestic, Including Minimum Charges	\$ 1.21
Average Received per 1,000 Gallons from Domestic, Including Minimum Charges	\$.16
Average Received per 1,000 Cubic Feet from Industrial, Including Minimum Charges	\$.55
Average Received per 1,000 Gallons from Industrial, Including Minimum Charges	\$.07
Average Received per 1,000 Cubic Feet from Railroads, Including Minimum Charges	\$.32
Average Received per 1,000 Gallons from Railroads, Including Minimum Charges	\$.04
Average Received per 1,000 Cubic Feet from Public, Including Minimum Charges	\$.48
Average Received per 1,000 Gallons from Public, Including Minimum Charges	\$.06
Average Received per Quarter per Domestic Inside Borough	\$ 2.48
Average Received per Quarter per Domestic Outside Borough	\$ 5.26
Average Received per Quarter per Public Consumer	\$ 15.39
Average Received per Month per Industrial Consumer	\$ 17.16
Average Received per Month per Railroad Consumer	\$ 48.10
Received from Water Sale per Mile of Main Inside Borough	\$ 1,243.28
Received from Water Sale per Mile of Main Outside Borough	\$ 175.67
Received from Water Sale per Mile of Main Inside and Outside Borough Limits	\$ 833.15
Total Lost in Bad Accounts, 1938	\$ 0.00
Percent Lost in Bad Accounts, 1938	\$ 0.00
Receipts and Credits for 1937	\$62,098.00
Receipts and Credits for 1938	\$64,151.00
Increase for the Year	\$ 2,053.00

RATES FOR WATER

Within Borough Limits

	Rate Per 1,000 Cu. Ft.
First 20,000 Cu. Ft. used per Month	\$1.00
Next 400,000 Cu. Ft. used per Month	0.30
All over 420,000 Cu. Ft. used per Month	0.28

Minimum Charges

Single houses, or dwelling, shall pay a Minimum Charge of \$1.50 per Quarter.

Double houses served by one meter shall pay a Minimum Charge of \$3.00 per Quarter.

Industries and Railroads shall pay a Minimum Charge of \$0.50 per Month for each and every service.

All Charges are payable net on, or before, the 25th of the Month following the end of the Month or Quarter. If not paid on, or before the 25th of the Month following the end of the Month or Quarter, a penalty of five (5%) per cent shall be added.

If bills are not paid on, or before, the 30th of the Month following the Month or Quarter for which the bill was rendered, the water will be turned off.

Outside of Borough Limits

Per Thousand Cubic Feet \$2.50

Minimum Charges

Single houses outside of the Borough—\$2.35 per Quarter.

Double houses outside of the Borough—\$4.70 per Quarter.

The same regulations shall apply, and the same penalties shall be inflicted for non-payment as provided for within the Borough.

BALANCE SHEET WATER DEPARTMENT

Assets

Fixed Capital

Fixed Capital Installed . . .	\$1,309,650.97	
Construction Work in Progress	10,593.13	
Total Fixed Capital . .	<u> </u>	\$1,320,244.10

Current Assets

Cash (Borough Treasurer's Account)	\$ 2,670.96	
Accounts Receivable from Consumers	10,511.13	
Materials and Supplies . . .	4,577.21	
Other Current Assets, P. W. A. Construction Fund . . .	4,575.03	
Total Current Assets . .	<u> </u>	\$ 22,334.33
Total Assets		<u> </u> \$1,342,578.43

Liabilities

Municipal Ownership

Net Worth Water Department, December 31, 1938	\$ 930,630.93
---	---------------

Funded Debt

Bonds 3% Serial Bonds . . .	58,000.00
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Current Liabilities

Notes Payable	\$ 10,000.00	
Advance from Electric Light Department	46,703.95	
Assessments for Line Construction	8,990.20	
Total Current Liabilities	<u> </u>	65,694.15

Accrued Liabilities

Unmatured Interest accrued on Unfunded Debt	2,268.43
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Reserves

Reserve for Renewals and Replacements	144,170.20
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Surplus

Unappropriated Surplus ..	141,814.72	
Total Liabilities ..		\$1,342,578.43

RECAPITULATION OF NET WORTH

Net Investment, December 31, 1937	\$ 920,386.19
--	---------------

Additions

W. P. A. Labor Contribu- tions	\$ 1,244.74	
Contributions from U. S. Treasury	4,500.00	
Bonds Redeemed by Borough Treasurer	11,000.00	
	<hr/>	16,744.74
		\$ 937,130.93

Deductions

Contribution to General Borough Fund	\$ 6,500.00	
	<hr/>	930,630.93
Earned Surplus end of Year	\$ 141,814.72	
	<hr/>	
Net Worth, December 31, 1938	\$1,072,445.65	

REVENUE AND EXPENSE STATEMENT WATER DEPARTMENT

Operating Revenues

Metered Domestic Sales ...	\$ 33,208.17	
Metered Commercial Sales	6,515.98	
Metered Industrial Sales ..	11,331.01	
Metered Public Sales	2,377.27	
Sales for Private Fire Pro- tection	67.61	
Consumer's Discounts For- feited and Penalties Im- posed	87.58	
Total Operating Reve- nues	<hr/>	\$ 53,587.62

Operating Expenses

Water Collection System:

Operating Labor	\$	417.66	
Supplies and Expenses ..		12.50	
Maintenance		514.73	
		<hr/>	\$ 944.89

Purification System:

Operating Labor	\$	824.58	
Supplies and Expenses ..		1,124.16	
Maintenance		121.39	
		<hr/>	2,070.13

Pumping System:

Operating Labor	\$	13.39	
Maintenance		637.96	
		<hr/>	651.35

Distribution System:

Operating Labor (General)	\$	515.40	
Operating Labor (Reservoir)		410.36	
Maintenance of Mains and Pipes		552.97	
Maintenance of Storage Reservoirs, etc.		137.05	
Maintenance Meters, Vaults, etc.		860.61	
Maintenance other Distribution Property		632.99	
		<hr/>	3,109.38

General Expenses

Office Salaries	\$	5,154.51	
Salaries of Meter Readers ..		746.67	
Office Supplies and Expenses		260.76	
Other General Property Expenses		356.90	
Taxes		518.32	
Other General Expenses ..		93.75	
Insurance		135.02	
Maintenance of General Properties		234.34	
Depreciation		12,038.24	
		<hr/>	19,538.51
Total Operating Expenses		<hr/>	\$ 26,314.26

INCOME STATEMENT

WATER DEPARTMENT

Operating Revenues \$ 53,587.62

Operating Expenses

Water Collection System ..	\$ 944.89	
Purification System	2,070.13	
Pumping System	651.35	
Distribution System	3,109.38	
General Operating Expenses	19,538.51	
Total Operating Expenses		<u>26,314.26</u>

Net Operating Income		\$ 27,273.36
Non Operating Revenues ..	\$ 2,028.37	
Non Operating Expenses ..	1,570.53	
Net Non Operating Income		<u>457.84</u>

Total Net Income . \$ 27,731.20

Net Income Deductions

Interest	\$ 1,824.85	
Free Water to Borough ..	1,921.56	
		<u>3,746.21</u>

Balance of Net Income ... \$ 23,984.99

ANALYSIS OF FIXED CAPITAL

WATER DEPARTMENT

	Balance Jan. 1, 1938	Additions 1938	Balance Dec. 31, 1938
Organization	\$ 11,024.28		\$ 11,024.28
Water Collection System, Rights of Way	3,143.00		3,143.00
Water Collection System, Diversion Rights	40,400.00		40,400.00
Impounding Reservoirs	141,477.66	\$ 38,466.62	179,944.28
Water Collection System, Reservoirs and Wells	51,084.39		51,084.39
Water Collection System, Aqueducts and Supply Mains	407,568.29	—100.00	407,468.29
Purification System, Chemi- cal Treatment Plant	2,799.63		2,799.63
Water Testing Equipment ..	31.50		31.50
Pumping Station Structures	5,208.85		5,208.85
Pumps and Pump Equip- ment	12,469.80		12,469.80

Distribution System, Rights of Way	404.00		404.00
Distribution System, Transmission Mains	330.43		330.43
Distribution System, Reservoirs and Stand Pipes ..	11,994.02		11,994.02
Distribution System, Mains	386,830.69	2,524.50	389,355.19
Distribution System, Fire Hydrants	23,512.67	343.41	23,856.08
Distribution System, Fountains	11,107.75		11,107.75
Other General Structures ..	3,329.00		3,329.00
General Office Equipment ..	644.81	93.38	738.19
Other General Equipment ..	5,695.67	2,101.89	7,797.56
Engineering and Superintendence during Construction	33,566.50		33,566.50
Administrative and Legal Expenses during Construction	11,024.28		11,024.28
Interest during Construction	34,065.04		34,065.04
Development Cost	63,913.91		63,913.91
Siloam Property	4,595.00		4,595.00
Totals	\$1,266,221.17	\$ 43,429.80	\$1,309,650.97

WATER DEPARTMENT—CREDIT ACCOUNT 1938

Metered Water, Light Plant \$	380.03	
Metered Water, Fire Houses	79.08	
Market House, Meter Room and Police Headquarters ..	107.75	
Memorial Fountain	353.89	
Bubblers	10.40	
Comfort Station	256.51	
Borough Farm	19.51	
Disposal Plant	9.40	
Borough Garage	16.52	
Parks and Playgrounds ..	46.86	
East Queen, Lincoln Way East, South Fourth and North Second Street Properties	65.98	
		\$ 1,345.93

Free Water Per Agreement

Penn Hall Farm	\$ 111.36	
Kennedy Farm	11.58	
Childrens' Home (75%) ..	75.95	
Hospital (75%)	362.12	
Salvation Army (75%) ..	14.42	
		\$ 575.43
		\$ 1,921.36

Note: This amount \$1,921.36 used in Comparative Income Statement as Free Water Furnished in 1938.

Free Unmetered Water Furnished the Following in 1938

216 Fire Hydrants at \$15.00,		
plus 3 added during year	\$	3,246.25
Sewer Flush Tanks (119)		2,018.24
Flushing Storm Sewers and		
Street Work		750.00
Road Roller and Street		
Sweeper		25.00
		<hr/>
	\$	6,039.49

Note: This amount \$6,039.49 does not appear in any other statement.

WATER ASSESSMENTS

Assessments made in 1938	\$	3,402.59	
Interest collected during			
1938		4.40	
		<hr/>	\$ 3,406.99
Collected during 1938	\$	2,846.42	
Interest Collected		4.40	
Assessments entered as			
Liens		142.60	
Balance to be collected Jan-			
uary 1, 1939		413.57	
		<hr/>	\$ 3,406.99

WATER LIENS

Balance to be collected Jan-			
uary 1, 1938	\$	1,863.29	
Liens entered in 1938		142.60	
Interest Accrued		69.46	
Costs and Penalty		28.59	
		<hr/>	\$ 2,103.94
Collected during 1938	\$	209.94	
Interest Collected		71.08	
Costs and Penalty Collected		28.59	
Balance to be collected Jan-			
uary 1, 1939		1,794.33	
		<hr/>	\$ 2,103.94

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,
Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG ELECTRIC LIGHT DEPARTMENT

On August 29, 1874, the following named persons applied for a Charter to furnish electric current for lighting in the Borough of Chambersburg, under the name of "The Franklin Electric Company":

James McKnight and Agent
B. Frank Gilmore
William McKnight
J. Spoonhour
William Nixon
William Sellers
M. A. Foltz
C. H. Fulwiler

B. M. Nead
Van T Haulman
Samuel L. Hawbaker
W. Lynn Ritchey
George A. Britsch
D. Alonza Orr
William Orr
John Hart

John A. Orr

The stock in this Company was stated at \$25.00 a share, but just how much stock was issued is not a matter of record.

There is some doubt as to the year this company started to furnish current in Chambersburg, but that it was in business in Chambersburg has been established beyond question. How extensive their business was at that time it is now impossible to state.

The plant consisted of a belt driven generator using a steam traction engine as power, and the equipment was located in the old brick and weatherboard building known as the "Ebersole Building", which stood immediately on the West bank of the Conococheague Creek on the South side of Lincoln Way West, and which has just recently been demolished by the Western Maryland Railway Company. This was the first electric plant that was ever operated in Chambersburg, and certainly could not have stayed in business very long. Some of the citizens of Chambersburg remember distinctly seeing these electric lamps suspended above the streets and at that time were impressed with the fact that they did not blow out when the wind blew.

In the year 1883 there was constructed, in the shops of the Cumberland Valley Railroad Company, a portable electric light plant which consisted of boiler, steam engine, and one arc lamp generator with a capacity of fifteen 2,000 candle-power open arc lamps. This car operated successfully under the supervision of Charles S. Hull from the very beginning, and in 1884 lighted arc lamps around the Public Square for the Centennial, and this same year lighted the grounds for a baseball game which was played at night. This game was played in a field lying East of Third Street and South of King, just about where the Byer Brothers' Green House is located at the present time.

In 1889 this portable electric light plant was rebuilt, under the supervision of Mr. Hull, for a capacity of forty 2,000 candle-power open arc lamps. This plant was frequently used for the lighting of important construction work along the Cumberland Valley Railroad, as well as the lighting of serious wrecks. It was also used for the lighting of the Granger's Picnic Ground at Williams Grove, and many of us recall the lighting of the Mt. Alto Park Grounds. Mr. Hull was a mechanical genius, and one of the beautiful things he created, with this car and an arc lamp, was a fountain which sprayed steam of different colors up above the car roof. Mr. Charles S. Hull will be remembered as a kindly old gentleman, and one of the first to take up seriously the possibility of electric lighting in this section.



MUNICIPAL ELECTRIC LIGHT PLANT—1938

On November 29, 1889, after a vote had been taken by the citizens of Chambersburg to increase the indebtedness of the Borough by an amount not exceeding \$10,000.00 for the purpose of installing an Electric Light Plant to light the streets of the Borough, a contract was placed for the necessary electrical equipment with the Thompson-Houston Electric Light Company at a price of \$9,797.50. This plant was installed solely for furnishing lighting for the streets of the town. The plant was operated from dark in the evenings until twelve o'clock midnight, except on moonlight nights when it was not operated at all.

In 1893, the Borough went into the commercial phase of furnishing current to consumers. It was a far step from this first plant to the present up-to-date efficient plant, and the citizens of Chambersburg are certainly to be congratulated on having had sufficient intelligence to keep this valuable utility for their very own.

There was a decrease in output at the Chambersburg Electric Light Plant for the year 1938 of 280,653 K. W. H., as compared with the year 1937.

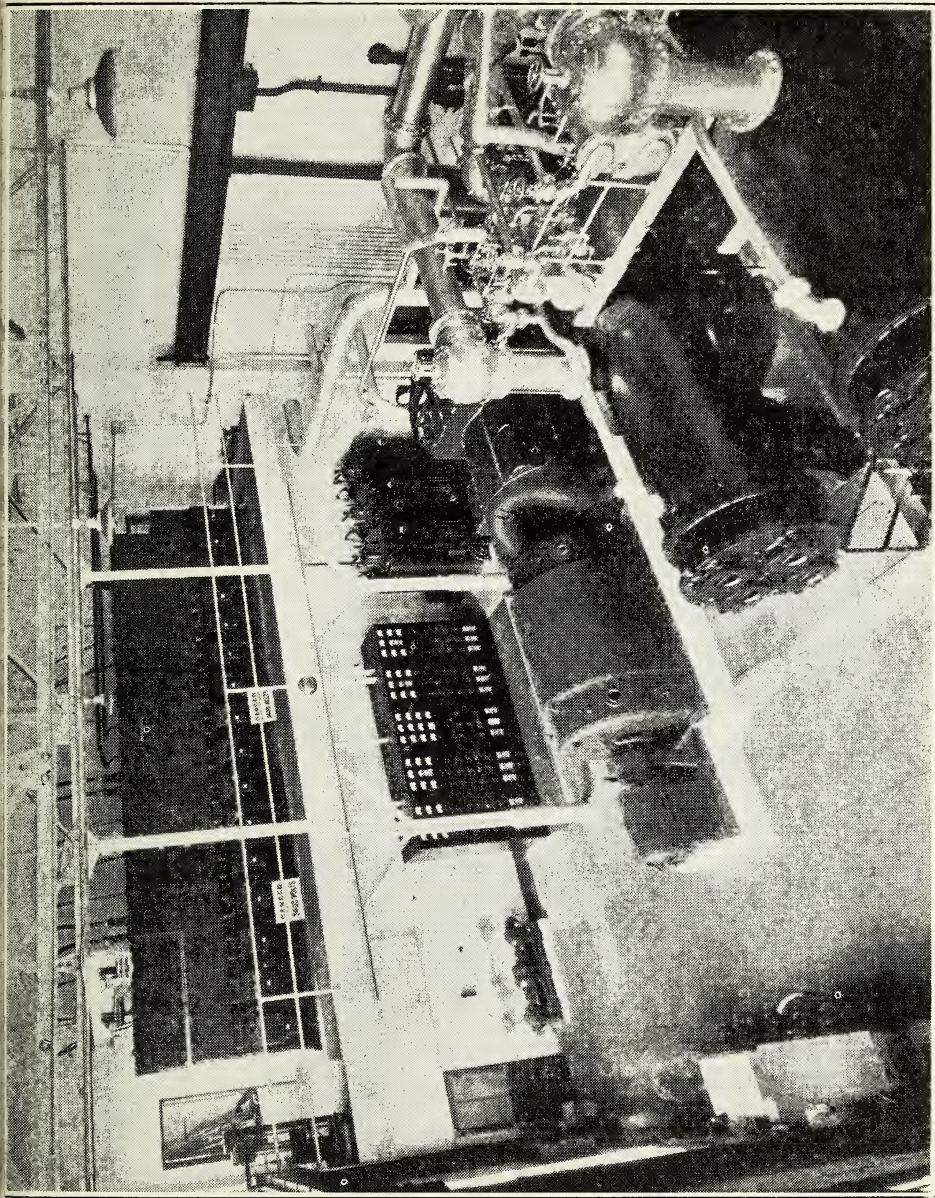
AVAILABLE FOR DISTRIBUTION

1929—	6,460,592 kilowatt-hours.
1930—	6,420,232 kilowatt-hours.
1931—	6,206,845 kilowatt-hours.
1932—	5,876,722 kilowatt-hours.
1933—	6,285,080 kilowatt-hours.
1934—	7,253,250 kilowatt-hours.
1935—	7,926,377 kilowatt-hours.
1936—	9,439,105 kilowatt-hours.
1937—	10,472,343 kilowatt-hours.
1938—	10,191,690 kilowatt-hours.

In 1938, the work in connection with the installation of the new 2,500 K. W. Turbo-Generator, condensing equipment, new switch gear, new controlboard, and Carrier Current equipment, was proceeded with, and the work progressed so rapidly that the final tests were run on this equipment on December 29, 1938. On the tests, the equipment met all of the guarantees. The installation work in connection with this equipment was exceedingly hazardous as all of the electrical connections of the feeders and new switch gear had to be made while the feeders were "alive". With all of this, however, there were no interruptions of the service except for three or four second intervals when the switch gear overload relays were being tested out.

For many years, the old dilapidated frame dwelling houses on the north side of Electric Light Avenue, between Harrison Avenue and North Second Street, had been a constant, and very serious, fire hazard to the entire electric service of the Borough of Chambersburg, and with the idea of eliminating this hazard, the properties were purchased by the Borough and torn down. With the acquisition of the properties, it was felt that it would be best to place all outgoing feeders from the Plant, underground, instead of running them overhead as was originally contemplated. This underground construction will extend from the Electric Light Plant to North Second Street.

The new 2,500 K. W. Unit went into service on the line on December 29, 1938, and this makes the total capacity of the Plant 7,000 kilo-



NEW 2500 K. W. TURBO-GENERATOR. NEW SWITCH GEAR, NEW CONTROLBOARD,
AND CARRIER CURRENT EQUIPMENT. INSTALLED 1938

watts, consisting of two 2,500 K. W. Generators and two 1,000 K. W. Generators. The peak load on the Plant during the year 1938, was 2,700 kilowatts which allows an excess over firm capacity of 800 kilowatts.

The total cash and credits in this Department for 1938 were \$326,547.94, and the total operating and non-operating expenses were \$106,554.29, including \$26,351.81 for depreciation, leaving a total gross profit of \$219,993.65.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this department which involved the making of an appraisal. The Reproduction Value New, less accrued depreciation, as of December 31, 1938, was \$509,539.82.

PHYSICAL DATA ON BOROUGH OF CHAMBERSBURG—ELECTRIC LIGHT DEPARTMENT—1938

Population of Chambersburg—1938	14,000
Number of Light and Power Consumers	4,837
K. W. Hrs. Generated	10,716,870
K. W. Hrs. Used by Station Auxiliaries	525,180
K. W. Hrs. Available for Distribution	10,191,690
K. W. Hrs. Decrease over 1937	280,650
K. W. Hrs. Furnished to Street Arc Lamps	231,500
K. W. Hrs. Furnished to Street Incandescent Lamps	292,630
K. W. Hrs. Furnished to Disposal Plant	66,690
K. W. Hrs. Furnished to Office Building	15,530
K. W. Hrs. Furnished to Fire Department	17,650
K. W. Hrs. Furnished to Street Department	3,440
K. W. Hrs. Furnished to Police Headquarters	4,700
K. W. Hrs. Furnished to Public Comfort Station	6,010
K. W. Hrs. Furnished to Christmas Tree	2,220
K. W. Hrs. Furnished to Traffic Signals	13,790
K. W. Hrs. Furnished to Friendship Christmas Lights ..	740
K. W. Hrs. Furnished to Friendship Convention Decorations, Turkey Raffle ..	250
K. W. Hrs. Furnished to Broad Street Playground Festival ..	50
K. W. Hrs. Furnished to Buchanan Block Party	400
K. W. Hrs. Furnished to Fire Department Fair	900
K. W. Hrs. Furnished to Junior Christmas Lights	100
K. W. Hrs. Furnished to Good Will Christmas Lights ..	620
K. W. Hrs. Furnished to Good Will Block Party, Convention Decorations ..	520
K. W. Hrs. Furnished to Franklin Block Party	250
K. W. Hrs. Furnished to Franklin Christmas Lights	770
K. W. Hrs. Furnished to C. V. Christmas Lights	130
K. W. Hrs. Furnished to C. V. Block Party	200
K. W. Hrs. Furnished to Fifth Ward Playground Festival ..	300
K. W. Hrs. Furnished to Stevens Playground Festival ..	100
K. W. Hrs. Furnished to Henninger Field	1,080
K. W. Hrs. Furnished for Light Plant—Fire Alarm Battery	770
K. W. Hrs. Furnished for Light Plant—Storage Shed	200
K. W. Hrs. Furnished Westinghouse Cooking School	200
K. W. Hrs. Furnished Community (Band Concerts)	200

K. W. Hrs. Furnished to Residential Light Consumers . . .	2,238,627
K. W. Hrs. Furnished to Commercial Light Consumers . .	1,924,920
K. W. Hrs. Furnished to Power Consumers	4,754,550
Total K. W. Hrs. Sold to all Consumers	8,918,097
K. W. Hrs. Furnished Free	660,748
Total K. W. Hrs. Sold or Furnished Free	9,578,845
Total K. W. Hrs. Lost in Distribution	612,845
Percent Lost in Distribution	6.01%
Total Number of Active Residential Light Consumers — January 1, 1939	3,819
Total Number of Active Commercial Light Consumers — January 1, 1939	791
Total Number of Active Power Consumers — January 1, 1939	227
Total Number of all Active Consumers	4,837
Amount Paid by Residential Light Consumers	\$ 104,838.38
Amount Paid by Commercial Light Consumers	\$ 78,232.03
Amount Paid by Power Consumers	\$ 88,146.10
Total Paid by all Consumers	\$ 271,216.51
Amount Received from Sale of Lamps, Miscellaneous . . .	\$ 3,536.55
Amount Received from Jobbing Work	\$ 320.69
Amount Received from Penalties Imposed	\$ 151.60
Amount Received from Interest on Consumers' Deposits . .	\$ 426.76
Amount Received from Material Returned	\$ 225.00
Amount Received from Sale of Transformers	\$ 340.76
Amount Received from Sale of No. 1 Unit	\$ 500.00
Amount Received from Mortgage	\$ 5,250.00
Amount Received from Interest on Mortgage	\$ 341.67
Amount Received from Sale of Scrap	\$ 835.00
Amount Received from Sale of Buildings—Light Avenue . .	\$ 275.00
Amount Received from Deposits on Plans and Specifica- tions for Light Plant Improvements	\$ 157.50
Amount Received from Payment of Temporary Loan by Water Department	\$ 6,201.21
Amount Received from Non-Operating Revenues	\$ 59.41
Total Cash Received from all Sources	\$ 289,837.66
Credit for Light, Power, Supplies Furnished Other Depart- ments Free	\$ 36,710.28
Total Cash Received from all Sources—and Credit*	\$ 326,547.94
Increase in Receipts from Residential Light over 1937 . .	\$ 9,968.31
Increase in Receipts from Commercial Light over 1937 . .	\$ 390.62
Decrease in Receipts from Power over 1937	\$ 4,728.06
Increase in K. W. Hrs. Furnished for Light over 1937 . .	284,639
Decrease in K. W. Hrs. Furnished for Power over 1937 . .	628,222
K. W. Hrs. Sold per Consumer per Year — Residential Light	586

K. W. Hrs. Sold per Consumer per Year — Commercial Light	2,433
K. W. Hrs. Sold per Consumer per Year — Power	20,945
K. W. Hrs. Sold per Capita per Year—Residential Light	159
K. W. Hrs. Sold per Capita per Year—Commercial Light	137
K. W. Hrs. Sold per Capita per Year—Power	339
Received per Consumer per Year—Residential Light	\$ 27.45
Received per Consumer per Year—Commercial Light	\$ 98.90
Received per Consumer per Year—Power	\$ 388.30
Received per Capita per Year—Residential Light	\$ 7.49
Received per Capita per Year—Commercial Light	\$ 5.59
Received per Capita per Year—Power	\$ 6.29
Average Monthly Bill—Residential Light	\$ 2.29
Average Monthly Bill—Commercial Light	\$ 8.24
Average Monthly Bill—Power	\$ 32.36
Average Price Paid per K. W. H. including Minimum Charge —Residential Light	4.6 cents
Average Price Paid per K. W. H. including Minimum Charge —Commercial Light	4.06 cents
Average Price Paid per K. W. H. including Minimum Charge —Power	1.64 cents
Total Amount of Bills Rendered Net	\$ 289,852.93
Total Amount of Bills Collected Net	\$ 289,837.66
Loss in Bad Accounts	\$ 15.27
Percentage Lost in Bad Accounts .....	.000527%

RATES FOR ELECTRIC CURRENT

Residential Lighting

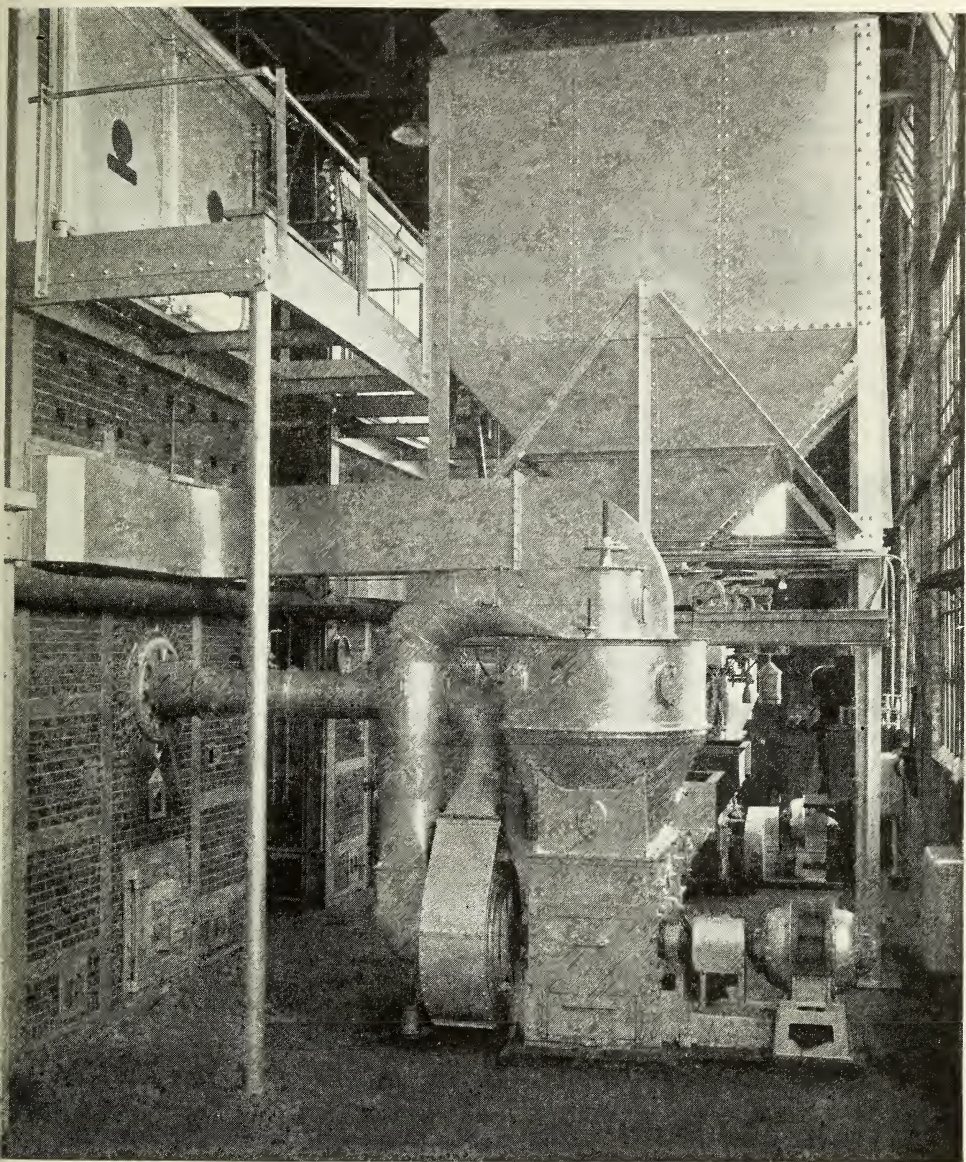
		Rate per K. W. H.
First	40 K. W. Hrs. used per Month	\$0.06
Next	60 K. W. Hrs. used per Month	0.045
Next	100 K. W. Hrs. used per Month	0.035
All over	200 K. W. Hrs. used per Month	0.025

Residential Lighting Where Ranges or Refrigerators Are in Service

		Rate per K. W. H.
First	30 K. W. Hrs. used per Month	\$0.06
Next	60 K. W. Hrs. used per Month	0.04
Next	100 K. W. Hrs. used per Month	0.03
All over	190 K. W. Hrs. used per Month	0.02

Commercial Lighting

		Rate per K. W. H.
First	75 K. W. Hrs. used per Month	\$0.065
Next	350 K. W. Hrs. used per Month	0.055
Next	1,500 K. W. Hrs. used per Month	0.035
All over	1,925 K. W. Hrs. used per Month	0.025



BOILER ROOM, MUNICIPAL ELECTRIC LIGHT PLANT—1938

Minimum Charges

All of the above rates are subject to a monthly Minimum Charge of seventy-five (\$.75) cents for each Kilo-Watt, or fraction thereof, of connected load, with the exception, however, that in computing the capacity of all electric ranges, the capacity of the largest element of the range shall be used for determining the monthly Minimum Charge, but in no event will a monthly Minimum Charge on any range be less than \$2.00 per month.

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council, on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

Secondary Power

					Rate per K. W. H.
First	500	K. W. Hrs. used	per Month	.....	\$0.03
Next	1,500	K. W. Hrs. used	per Month	.....	0.02
Next	3,000	K. W. Hrs. used	per Month	.....	0.018
Next	5,000	K. W. Hrs. used	per Month	.....	0.016
All over	10,000	K. W. Hrs. used	per Month	.....	0.014

Minimum Charges

Minimum Charges on motor installations for Secondary Power Purposes shall be as follows:

1st Motor Installed	.....	\$1.25 per H. P. Installed	per Month
2nd Motor Installed	.....	\$1.00 per H. P. Installed	per Month
3rd Motor Installed	.....	.90 per H. P. Installed	per Month
4th Motor Installed	.....	.80 per H. P. Installed	per Month
5th Motor Installed	.....	.70 per H. P. Installed	per Month
6th Motor Installed	.....	.60 per H. P. Installed	per Month
All over six Motors Installed	..	.50 per H. P. Installed	per Month

Primary Light and Power

					Rate per K. W. H.
First	10,000	K. W. Hrs. used	per Month	.....	\$0.016
Next	20,000	K. W. Hrs. used	per Month	.....	0.014
Next	40,000	K. W. Hrs. used	per Month	.....	0.012
All over	70,000	K. W. Hrs. used	per Month	.....	0.009

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered.

Demand Charges

Demand Charges shall be determined and billed monthly, based on the highest registration during the Month of a demand meter having a 15 minute interval, and shall be as follows:

First	200 K. W. of Demand per Month	\$1.50 per K. W.
All over	200 K. W. of Demand per Month	\$1.00 per K. W.

Power Factor Clause

When the average power factor is found to be lower than eighty per cent (80%), the monthly Kilo-Watt Demand shall be corrected and determined as follows: Kilo-Watt Demand as measured, divided by average power factor of load, multiplied by allowable power factor of eighty per cent (80%).

Primary Light and Power

Energy Rates

First Block	1.50 cents per Kilowatt Hour
Second Block	1.30 cents per Kilowatt Hour
Third Block	1.11 cents per Kilowatt Hour
Fourth Block	.50 cents per Kilowatt Hour

The kilowatt hours to be billed for under Blocks No. 1, No. 2, and No. 3, will be determined by multiplying the "ON STATION PEAK DEMAND" of the customer by 70.

The kilowatt hours to be billed for under Block No. 4 will be the difference between the total kilowatt hours billed for under Blocks No. 1, No. 2, and No. 3, and the total kilowatt hours consumed during the Month.

Discount

The above Energy Rates are subject to a discount of ten (10%) per cent if the bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered.

Determination of Demand

For the purpose of application of this rate, the hours of "STATION PEAK" will be from 7:00 A. M. to 6:00 P. M. on all week days except Saturdays, when it will be from 7:00 A. M. to 12:00 Noon. On Sundays and holidays, there will be no "STATION PEAK" period.

The Demand will be determined by means of a Graphic Demand Meter. The maximum monthly "Demand" to be used for "Billing Demand" will be the highest corrected 15 minute kilovolt Ampere Demand occurring across, or during, the "STATION PEAK". Demands occurring across, or during, "STATION OFF PEAK" will not be billed for.

The Demand, as indicated by the Graphic Demand Meter will be subject to corrections for Power Factor as follows:

Indicated Kilowatt Demand divided by the Average Power Factor of Load, and multiplied by allowable Power Factor of eighty (80%) per cent.

Corrected Demand will be billed for as follows:
 First 200 Kilovolt Amperes of Demand per Month \$1.50 per K. V. A.
 All over 200 Kilovolt Amperes of Demand per Month \$1.00 per K. V. A.

Discount

The Demand Charges are not subject to discount, but if not paid on, or before, the 20th of the Month following the Month for which the bill was rendered, a ten (10%) per cent penalty shall be added.

The charges to the customer under this schedule will not be subject to rebate on account of cost of fuel delivered to the Electric Light Plant.

Minimum Charges

The monthly Minimum Charge under these rates will be \$3.00 per kilovolt ampere of Corrected Demand.

The annual Minimum Charge under these rates shall not be less than \$10.00 per kilowatt of connected load.

The service furnished under this schedule will be approximately 2,300 volt, 3 phase, 60 cycle current, and metering will be done on the primary side of the customer's transformers. The customer will furnish, mount, and maintain the necessary distribution transformers, and also furnish, install, and maintain a suitable weather-proof metal metering cabinet. The Chambersburg Electric Light Department will furnish, install, and maintain all metering devices, including instrument transformers.

This rate is available to all industrial light and power customers who have a "Corrected Demand" of 100 kilovolt amperes, or over.

Off Peak Electric Water Heating

	Rate per K. W. H.
Energy Rate per K. W. Hr. per Month	\$0.01

Minimum Charge

\$0.75 per Month per Kilo-Watt of heater capacity, based on largest heating unit.

Discount

The above Energy Rate is subject to a discount of ten (10%) per cent if bills are paid on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

This rate applies only to a restricted service for residential and commercial water heating.

This rate is available only to residential and commercial consumers who are accessible to the distributing system of the Borough of Chambersburg Electric Light Department.

The supply of service under this schedule shall be limited to operating periods aggregating not more than twelve hours in each day, or from 9:00 P. M. to 7:00 A. M. the following morning, and from 12:00 Noon to 2:00 P. M. This period may, at the option of the Borough, be further restricted or extended.

Service under this schedule is available only for water heaters of not more than 3,000 watts capacity, which shall be furnished, installed, and connected up by the consumer. The Borough of Chambersburg Electric Light Department will furnish a suitable device for automatically restricting the supply of current to those hours which the Borough may designate.

This service will be supplied through a separate integrating watt-hour meter and no other appliances other than the water heater shall be connected to this service. Service will be supplied at either 220 volts or 110 volts single, or three phase, at the option of the Borough of Chambersburg Electric Light Department.

Water heaters, and all devices connected therewith or appurtenant thereto, shall be so designed and constructed that they will not, under any circumstances, cause radio interference by their operation. In the event that any of the equipment does cause radio interference by reason of its operation, the Borough shall discontinue furnishing current to the installation in which the particular radio interference originates, until such time as new equipment is installed, or the old equipment corrected for radio interference. Water heaters must be controlled automatically so that, under no circumstances, shall both heating elements operate at the same time.

GENERAL REGULATIONS

Minimum Charges

Minimum Charges and Demand Charges under the different classes of service are not subject to discount, but if they are not paid on, or before, the 20th of the Month following the Month for which the service was rendered, a ten (10%) per cent penalty shall be added.

Lamps, Supplies, etc.

All bills rendered by the Borough of Chambersburg Electric Light Department, except those rendered for electric energy, are not subject to discount, but if not paid on, or before, the 20th of the Month following the Month for which the bill was rendered, a penalty of ten (10%) per cent shall be added.

Deposits

All consumers applying for, or using, any class of service in properties which they cannot establish ownership shall make a cash deposit with the City Clerk in amount equal to the estimated bills for the service to be supplied in any two consecutive Months. The Borough may at any time require that the deposit be increased to cover two Months' consumption based on the amount of the highest month's billing. The amount of the deposit may be reduced, upon request of the consumer, to an amount sufficient to cover the maximum amount of the billing for any two consecutive Months during the preceding year.

There are at the present time twenty electric water heaters in service in Chambersburg, which are working out entirely satisfactory. The refrigerator load has developed very rapidly during 1938, there being at the present time 1,458 domestic refrigerators in service. The electric range work is progressing in a very satisfactory manner, there being at the present time 137 electric ranges in service.

BALANCE SHEET

ELECTRIC LIGHT DEPARTMENT

Assets		
Fixed Capital		
Fixed Capital Installed	\$ 791,884.39	
Construction Work in progress	138,718.87	
	<u> </u>	\$ 930,603.26
Funds and Special Deposits		
Sinking Fund Assets	\$ 69,830.55	
Consumers' Deposits	22,542.96	
	<u> </u>	92,373.51
Current Assets		
Cash (Borough Treasurer's Account)	\$ 21,920.30	
Accounts Receivable from Consumers	41,735.50	
Other Accounts Receivable, (Water Department)	46,703.95	
Materials and Supplies	10,517.29	
Other Current Assets (Cash Construction Fund, etc.) .	37,768.23	
	<u> </u>	158,645.27
Prepayments and Accrued Assets		
Unmatured Interest and Rents Receivable on Water Department Advances ...	\$ 2,268.43	2,268.43
	<u> </u>	<u> </u>
		\$1,183,890.47
Liabilities		
Net Worth, Electric Department, Including Earned Surplus December 31, 1938	\$ 815,959.03	
	<u> </u>	\$ 815,959.03
Current Liabilities		
Notes Payable	\$ 65,106.44	
Consumers' Deposits	20,480.43	
	<u> </u>	85,586.87
Reserves		
Reserve for Renewals and Replacements	\$ 282,344.57	282,344.57
	<u> </u>	<u> </u>
		\$1,183,890.47

RECAPITULATION NET WORTH, INCLUDING SURPLUS

Balance beginning of year January 1, 1938	\$ 784,483.36	
Additions		
Free Water from Water De- partment	\$ 380.03	
Net income 1938	211,978.91	
	<hr/>	\$ 996,842.30
Deductions		
Contributions to General Borough Fund	\$ 144,000.00	
Other Deductions	902.99	
Free Electricity to Borough	35,980.28	
	<hr/>	180,883.27
Net Worth December 31, 1938		<hr/> \$ 815,959.03

OPERATING REVENUE AND EXPENSE STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues

Metered Sales for Domestic Lighting	\$ 111,668.37	
Metered Sales for Other Private Lighting	89,424.18	
Metered Sales for Power ..	92,226.04	
Metered Sales to Other Electric Utilities	6,354.16	
Metered Sales for Other Municipal Lighting	2,709.36	
Metered Sales for Municipal Power	1,286.47	
Unmetered Sales for Muni- cipal Street Lighting	31,984.45	
Consumers' Discounts For- feited and Penalties Im- posed	151.60	
	<hr/>	\$ 335,804.63
Discounts and Allowances to Consumers	27,693.88	
Total Operating Revenues ..	<hr/>	\$ 308,110.75

Operating Expenses

Generating System Expenses

Operating Labor	\$ 17,133.00
Fuel	36,085.34
Water	380.03
Lubricants	51.33

Boiler Plant Supplies and Expenses	260.80	
Other Supplies and Expenses	55.90	
Maintenance of Generating System Structures	633.92	
Maintenance of Steam Power Equipment	1,293.41	
Maintenance of Electric Equipment	243.70	
Maintenance of Other Generating System Equipment	37.84	
Total Generating System Expenses		\$ 56,175.27

Distribution System Expenses

Operating Labor	\$ 1,631.64	
Supplies and Expenses Overhead and Underground System	640.78	
Other Supplies and Expenses	2.26	
Maintenance of Structures	2.47	
Maintenance of Overhead Equipment	3,297.42	
Maintenance of Services	92.28	
Maintenance of Transformers	582.72	
Maintenance of Meters	2,043.44	
Total Distribution System Expenses		\$ 8,293.01

Utilization System Expenses

Operating Labor	\$ 470.66	
Municipal Street, Arc, and Incandescent System Supplies and Expenses	785.48	
Maintenance of Municipal Street, Arc and Incandescent System	629.88	
Total Utilization System Expenses		\$ 1,886.02

General Expenses

General Administrative Salaries	\$ 6,809.58	
Salaries of Meter Readers	1,022.58	
General Administrative Supplies	478.22	
General Officers and Clerks Expenses	3.45	
Other General Administrative Expenses	217.32	
Garage Supplies and Expenses	209.61	

Shop and Laboratory Supplies and Expenses	9.06		
Insurance	1,044.34		
Maintenance of General Equipment	552.83		
Depreciation	26,351.81		
Total General Expenses ...		\$ 36,698.80	
Total Operating Expenses .			\$ 103,053.10

CONDENSED INCOME PROFIT AND LOSS STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues		\$ 308,110.75	✓
Operating Expenses			
Generating System Operating Expenses ..	\$ 56,175.27		
Distribution System Operating Expenses ..	8,293.01		
Utilization System Operating Expenses ...	1,886.02		
General Administrative Expenses	8,531.15		
Other General Expenses	28,167.65		
Total Operating Expenses		\$ 103,053.10	✓
Operating Income		\$ 205,057.65	✓
Non Operating Revenues (Includes Interest Revenues)	\$ 10,848.98		
Non Operating Expenses	3,501.19		
Non Operating Income		7,347.79	
Gross Income		\$ 212,405.44	
Gross Income Deductions			
Interest		426.53	
Net Income		\$ 211,978.91	
Net Income Deductions			
Free Electricity Furnished Borough		35,980.28	
Balance of Net Income		\$ 175,998.63	

ELECTRIC LIGHT DEPARTMENT ANALYSIS OF FIXED CAPITAL

Account	Balance Jan. 1, 1938	Additions and Retirements	Balance Dec. 31, 1938
Organization	\$ 8,217.91	\$ 612.66	\$ 7,605.25
Generating System, Land .	2,028.21	6,034.00	8,062.21
Generating System, Power Plant Structures	44,929.27	354.04	45,283.31
Generating System, Railroad Sidings, etc.	6,067.16		6,067.16

Generating System, Boiler Plant Equipment	118,391.60	894.88	119,286.48
Generating System, Turbo Generators	216,742.53	—20,422.00	196,320.53
Generating System, Other Electric Equipment	16,814.56	67.25	16,881.81
Generating System, Coal Storage and Weighing Equipment	16,645.42		16,645.42
Generating System, Other Power Plant Equipment ..	2,732.10	414.87	3,146.97
Transmission System, Overhead Conductors	44.88		44.88
Distribution System, Poles and Fixtures	37,029.41	425.01	37,454.42
Distribution System, Overhead Conductors	42,723.22	1,559.42	44,282.64
Distribution System, Overhead Transformers	36,603.01	919.07	37,522.08
Distribution System, Overhead Transformer Installations	6,100.53	14.60	6,115.13
Distribution System, Overhead Services	19,787.89	154.66	19,942.55
Distribution System, Underground Conduits	1,183.69		1,183.69
Distribution System, Underground Conductors	1,500.98	725.23	2,226.21
Distribution System, Underground Transformers	605.25		605.25
Distribution System, Underground Transformer Installation	82.93		82.93
Distribution System, Underground Services .....	.44		.44
Distribution System, Meters	42,893.75	1,441.90	44,335.65
Distribution System, Meter Installations	6,153.76	253.77	6,407.53
Utilization System, Municipal Arc System	18,537.54		18,537.54
Utilization System, Municipal Street Incandescent System	41,504.24	2,478.48	43,982.72
Other General Land	600.00		600.00
Other General Structures ..	2,590.00		2,590.00
General Office Equipment ..	1,082.83	21.56	1,104.39
General Store Equipment ..	184.22		184.22
General Shop Equipment ..	59.40		59.40
General Garage Equipment	3,285.83		3,285.83
General Laboratory Equipment	723.65	436.53	1,160.18
General Tools and Equipment	572.19		572.19
Engineering and Superintendence during Construction	26,067.75	—2,042.20	24,025.55

Administrative and Legal Expenses during Construction	8,217.91	—612.66	7,605.25
Interest during Construction	25,393.33	—1,837.98	23,555.35
Development Cost	48,386.75	—3,267.52	45,119.23
	<u>\$ 804,484.14</u>	<u>\$ —12,599.75</u>	<u>\$ 791,884.39</u>

ELECTRIC LIGHT DEPARTMENT—SINKING FUND

Balance in Sinking Fund (Four Banks) January 1, 1938	\$ 113,828.62	
Transfer from Electric Light Department	31,200.00	
Transfer from Water Department	12,927.46	
Transfer from P. W. A. Construction Fund Account ..	859.69	
Interest Received (Four Banks)	<u>2,908.34</u>	
		\$ 161,724.11
Paid National Bank a-c Principal of Electric Light Construction Fund Loan .	\$ 30,702.96	
Paid Valley National Bank a-c Principal of Electric Light Construction Fund Loan	30,581.40	
Paid Farmers & Merchants Trust Co. a-c Principal of Electric Light Construction Fund Loan	30,609.20	
Balance in hands of Treasurer January 1, 1939	<u>69,830.55</u>	
		\$ 161,724.11

FREE LIGHTING AND POWER USED IN BOROUGH DURING 1938

Light

Public Comfort Station	\$ 289.32	
Traffic Signals	538.92	
Franklin Fire Company	181.17	
Junior Fire Company	210.63	
Good Will Fire Company ..	255.56	
Friendship Fire Company ..	181.69	
Cumberland Valley Fire Company	71.59	
Municipal Garage	114.08	
Light Plant Storage Shed ..	9.00	
Light Plant, Fire Alarm Battery	45.27	
City Hall	504.69	
City Hall Water Heater ...	23.44	
Police Headquarters	239.36	
Disposal Plant	<u>44.64</u>	
		\$ 2,709.36

Power

Franklin Fire Company ...	\$	60.60		
Municipal Garage		71.18		
Disposal Plant		1,154.69		
			1,286.47	
Arc Lighting of Streets	\$	7,253.40		
Incandescent Lighting of Streets		24,731.05		
			31,984.45	
Total				\$ 35,980.28
In addition, Credit Account Labor at Plant—Fire Alarm Batteries 365 @ \$2.00	\$	730.00		

ELECTRIC LIGHT LIENS

Balance to be collected January 1, 1938	\$	1,318.48		
Interest Accrued		35.91		
Penalty and Costs		14.69		
			\$ 1,369.08	
Collected during 1938	\$	1,087.91		
Coal Credited—Chambersburg Weaving Company .		219.73		
Interest Collected		35.91		
Penalty and Costs Collected		14.69		
Balance to be collected January 1, 1939		10.84		
			\$ 1,369.08	

STATEMENT OF ASSETS AND LIABILITIES OF THE BOROUGH OF CHAMBERSBURG AS OF JANUARY 1, 1939

Assets

Cash in Treasurer's Hands, General Borough	\$	448.31
Cash in Treasurer's Hands, Water Department		2,670.96
Cash in Treasurer's Hands, Water Department, P. W. A. Fund		4,575.03
Cash in Treasurer's Hands, Light Department		21,920.30
Cash in Treasurer's Hands, Light Department Sinking Fund		69,830.55
Cash in Treasurer's Hands, Light Department, Construction Fund		37,768.23
Cash in Treasurer's Hands, Disposal Plant P. W. A. Construction Fund		81,120.39
Cash in Treasurer's Hands, Bond Department		13,458.95
Cash in Treasurer's Hands, Bond Department Sinking Fund		4,140.50

Cash in Treasurer's Hands, Borough Fire Fund				33,069.50	
Cash in Collector's Hands, Electric Light Consumers' Deposit Account				22,542.96	
	<i>Borough</i>	<i>Bond</i>		<i>Borough and Bond</i>	
Tax Duplicate, 1928-1929			\$	202.62	
Tax Duplicate, 1938-1939	\$1,064.93	\$ 3,219.07			
	<u>\$1,064.93</u>	<u>\$ 3,219.07</u>	\$	202.62	\$ 4,486.62
Investments, Borough Fire Fund					\$ 5,000.00
Unpaid Tax Liens			\$	7,795.62	
Unpaid Paving Liens				2,551.71	
Unpaid Sewer Assessments				458.17	
Unpaid Sewer Liens				6,665.34	
Unpaid Water Assessments				413.57	
Unpaid Water Liens				1,794.33	
Unpaid Electric Current Liens				10.84	
					\$ 19,689.58
Water Department, Current Assets, Less Cash in Treasurer's Account					15,038.34
Light Department, Current Assets, Less Cash in Treasurer's Account					52,252.79
Value of Water Distributing System					1,165,480.77
Value of Light Plant and Distribution System					509,539.82
Value of Disposal Plant and Main Trunk System					148,135.00
Value of Lateral Sewers					243,718.00
Value of Fire Houses and Apparatus					155,000.00
Value of Office Building, Market House ..					55,856.00
Value of Police Headquarters					10,000.00
Value of Henninger Field					16,500.00
Value of Street Department, Storage House and Equipment					22,950.00
Value of Fourth Street Properties					3,000.00
Value of Third Street Property					1,000.00
Value of Public Comfort Station					5,500.00
					<u>\$2,724,742.60</u>

Liabilities

4½% Improvement Bonds of 1912, Issued August 31, 1912, Due September 1, 1942, Total Issued		\$ 50,000.00
Bonds Redeemed and Cancelled 1932	\$ 5,000.00	
Bonds Redeemed and Cancelled 1933	6,500.00	

Bonds Redeemed and Cancelled 1934	5,000.00		
Bonds Redeemed and Cancelled 1935	5,000.00		
Bonds Redeemed and Cancelled 1936	5,000.00		
Bonds Redeemed and Cancelled 1937	5,000.00		
Bonds Redeemed and Cancelled 1938	5,000.00		
	<hr/>	\$ 36,500.00	
Balance Outstanding			\$ 13,500.00
3% Improvement and Refunding Bonds Issued December 1, 1935		\$ 150,000.00	
Bonds Redeemed and Cancelled 1936	\$ 7,000.00		
Bonds Redeemed and Cancelled 1937	14,000.00		
Bonds Redeemed and Cancelled 1938	11,000.00		
	<hr/>	\$ 32,000.00	
Balance Outstanding			\$ 118,000.00
2% Improvement Bonds Issued September 1, 1938 .		\$ 100,000.00	
Balance Outstanding			\$ 100,000.00
Notes Payable, Water Department			\$ 10,000.00
Notes Payable, Electric Light Department			65,106.44
The above balances are the present actual indebtedness of the Burgess and Town Council of the Borough of Chambersburg created without the authority of the vote of electors thereof.			
Electric Light Consumers' Deposit Account			\$ 22,542.96
Assets in Excess of Liabilities			2,395,593.20
			<hr/>
			\$2,724,742.60

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,
Auditors.

COMPARISON OF TAX LEVY, BONDED DEBT, ETC., FOR YEAR 1938

Borough	Popula- tion	Assessed Valuation	Tax Rate (Mills)	Tax for Borough and Bond Purposes	Taxes Paid Per Capita	Bonded Debt (Less Sink- ing Fund)	Net Debt Per Capita
Berwick	12,600	\$ 7,727,956	11	\$ 85,007.52	\$ 6.75	\$171,841.18	\$13.64
Cannonsburg	12,558	6,409,165	15	96,137.00	7.65	155,000.00	12.34
Carnegie	12,500	10,383,027	14	145,360.80	9.56	149,572.36	11.96
Donora	13,905	11,194,315	12	134,332.00	9.66	449,576.00	32.33
Dormont	13,190	17,152,535	10	171,525.00	13.00	722,872.00	54.80
Lewistown	14,000	7,110,020	11	78,210.22	5.58	176,123.18	12.58
Munhall	12,995	20,102,850	11	221,131.00	17.01	785,000.00	60.40
Steelton	13,000	8,117,615	12	97,411.38	7.50	209,000.00	16.07
Warren	14,863	11,351,952	16	181,631.23	12.22	196,810.48	13.24
Carlisle	12,596	11,537,945	8	92,303.56	7.32	589,500.00	46.88
Shippensburg	4,345	2,748,060	8.5	23,359.00	6.37	170,308.00	39.19
Waynesboro	10,160	6,000,232	15	90,017.21	8.86	435,500.00	42.86
Chambersburg	14,000	8,118,972	4	32,475.88	2.32	227,359.50	16.24

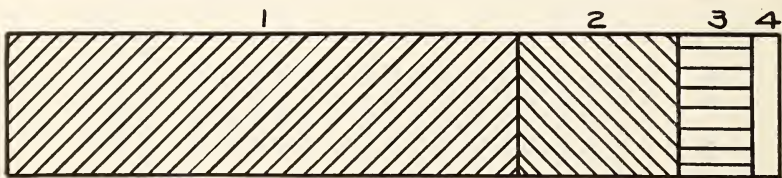
The information for the above Tabulation was obtained from the Bureau of Municipal Affairs, State Capitol, Harrisburg, Pa., and the individual Boroughs themselves, and is for the year 1938. It shows the rather enviable position your Borough occupies, as compared with other Boroughs of approximately the same size distributed over the entire State.

GOVERNMENTAL TAXES PAID BY CITIZENS OF CHAMBERSBURG

Stated in Mills

For Public School Purpose	21 Mills
For State and County Purpose	7 Mills
For Borough Bond Purpose	3 Mills
For General Borough Purpose	1 Mill

WHERE A TAX DOLLAR GOES TO



- (1) Public Schools Receive 65.625 cents out of each tax dollar
- (2) State and County Receives 21.875 cents out of each tax dollar
- (3) Borough Bond Purpose Receives 9.375 cents out of each tax dollar
- (4) General Borough Purpose Receives 3.125 cents out of each tax dollar

VALUE OF SERVICES RECEIVED FOR \$1.00 OF BOROUGH TAXES LEVIED 1938

	Costs	Taxes Levied for Borough Purposes
Borough Administration ...	\$ 38,208.17	divided by \$8,118.97=\$ 4.706
Police Services	\$ 32,202.41	divided by \$8,118.97=\$ 3.966
Public Health Services	\$ 2,082.20	divided by \$8,118.97=\$ 0.256
Fire Protection Services ...	\$ 29,146.15	divided by \$8,118.97=\$ 3.589
Street Department Services	\$ 56,364.17	divided by \$8,118.97=\$ 6.942
Street Lighting, Miscellaneous Services	\$ 32,061.94	divided by \$8,118.97=\$ 3.949
Sanitary Sewerage Services	\$ 27,359.09	divided by \$8,118.97=\$ 3.369
Comfort Station Services ..	\$ 1,116.46	divided by \$8,118.97=\$ 0.137
Parks and Playground Services	\$ 5,537.27	divided by \$8,118.97=\$ 0.682
Total	\$224,077.86	divided by \$8,118.97=\$27.59

VALUES OF SERVICES RECEIVED PER CAPITA

	Estimated Population 14,000 Population
Borough Administration	\$ 38,208.17 divided by 14,000=\$ 2.729
Police Services	\$ 32,202.41 divided by 14,000=\$ 2.300
Public Health Services	\$ 2,082.20 divided by 14,000=\$ 0.148
Fire Protection Services	\$ 29,146.15 divided by 14,000=\$ 2.081
Street Department Services	\$ 56,364.17 divided by 14,000=\$ 4.026
Street Lighting Miscellaneous Services	\$ 32,061.94 divided by 14,000=\$ 2.290
Sanitary Sewerage Services	\$ 27,359.09 divided by 14,000=\$ 1.954
Comfort Station Services	\$ 1,116.46 divided by 14,000=\$ 0.079
Parks and Playground Services	\$ 5,537.27 divided by 14,000=\$ 0.395
Total	\$224,077.86 divided by 14,000=\$16.00

Note: The Citizens of Chambersburg received in these services \$224,077.86 of Value for which Taxes were levied for Borough purposes in the amount of \$8,118.97. If you did not operate your Electric Light and Water Utilities, at a handsome profit, the whole cost of these services would have to be paid for by Taxes, which would mean an increase in Taxes for Borough purposes of 27.59 times what they were in 1938.

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CHAMBERSBURG PENNSYLVANIA

OFFICE OF THE BOROUGH ENGINEER
CHAMBERSBURG, PENNA.

300TH JANUARY 1935
PLAN NUMBER 30009-A

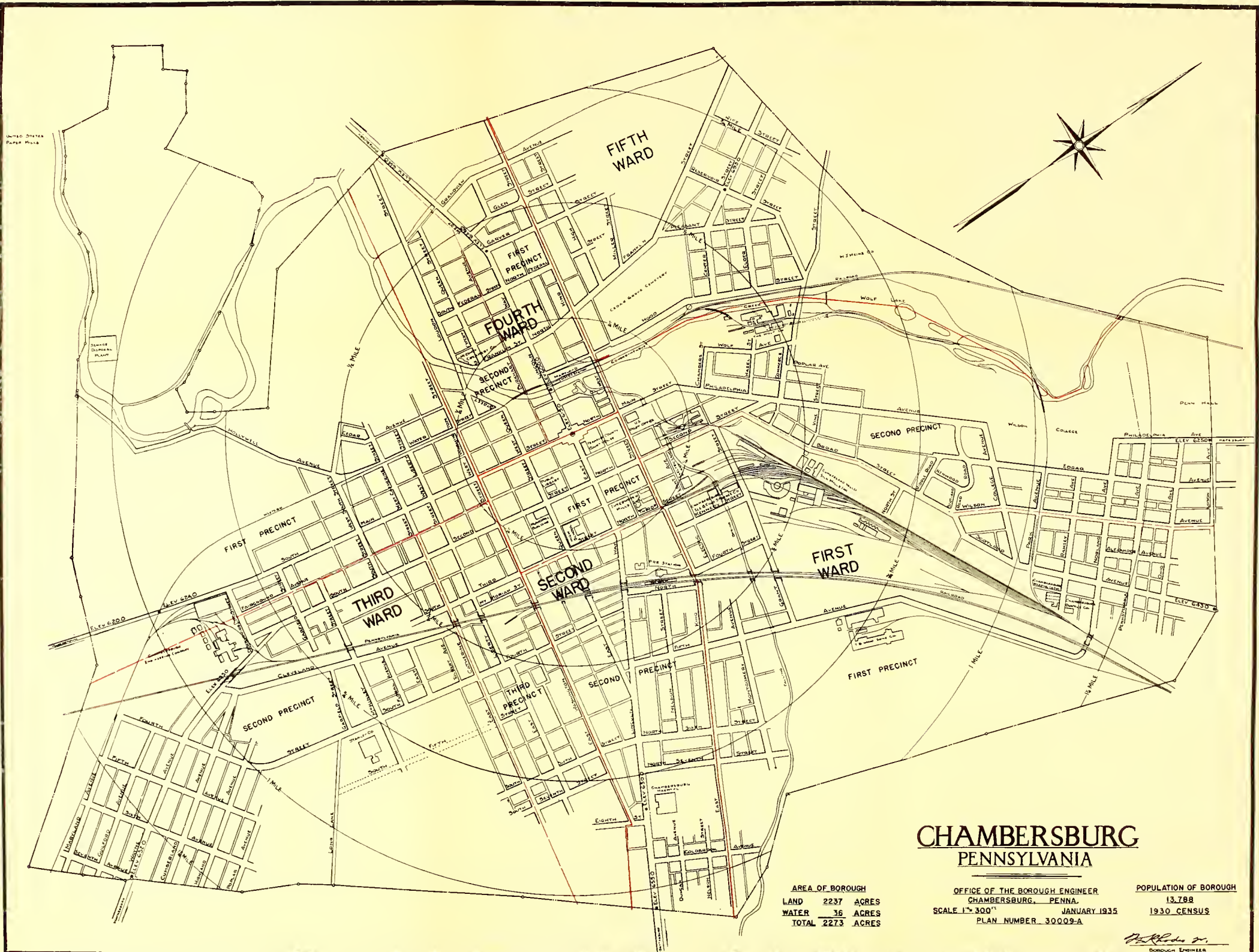
POPULATION OF BOROUGH

13,788

1930 CENSUS

W. Rhodes Jr.

BOROUGH ENGINEER



CHAMBERSBURG PENNSYLVANIA

AREA OF BOROUGH
LAND 2237 ACRES
WATER 36 ACRES
TOTAL 2273 ACRES

OFFICE OF THE BOROUGH ENGINEER
CHAMBERSBURG, PENNA.
SCALE 1"=300'
JANUARY 1935
PLAN NUMBER 30009-A

POPULATION OF BOROUGH
13,788
1930 CENSUS

H. R. K.
BOROUGH ENGINEER

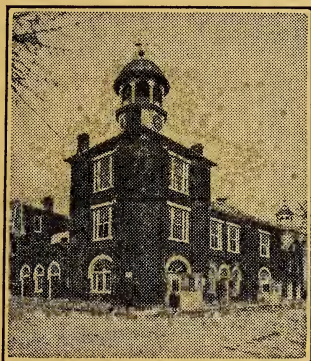




PRESS OF
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2110 Lincoln Way East
Chambersburg, Pa. 17201

ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA
For the Year Ending December 31, 1939



This Pamphlet is published for the benefit of the citizens of Chambersburg, that they may become better acquainted with those vital things in our community that go to make Chambersburg a better place in, which to live.



ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1939



FOR THE YEAR
from
JANUARY 1, 1939, TO DECEMBER 31, 1939
Being
THE ONE HUNDRED AND THIRTY-SIXTH SINCE INCORPORATED
AS A BOROUGH

PERSONNEL OF THE BOROUGH GOVERNMENT

1939

R. C. VANDERAU	Chief Burgess
ELLWOOD JODER	President Town Council
J. HASE MOWREY	Manager of Utilities
E. W. DAVIS	Secretary
W. M. L. ETTER	Treasurer
EDMUND C. WINGERD	Solicitor
EDGAR W. DIEHL	Tax Collector
HARRY R. GEARHART	Auditor
HERBERT C. KEEFER	Auditor
ALBERT S. HENNEBERGER	Auditor
MARGARET E. WINGERT	Chief Bookkeeper
H. S. BYERS	Chief of Police
ROBERT MONN	Superintendent of Water and Sewer
W. L. GROVE	Plumbing Inspector
F. D. RHODES, JR.	Borough Engineer
CHARLES F. PFOUTZ	Assistant Borough Engineer
ROBERT RINICK	Market Master

COMMITTEES OF COUNCIL

FINANCE COMMITTEE

ELLWOOD JODER, *Chairman*
 J. H. MARTIN
 C. H. PENSINGER
 *H. C. HUNSECKER
 H. H. SWARTZ

WATER AND LIGHT COMMITTEE

T. C. McCULLOUGH, *Chairman*
 B. F. SMALL
 H. H. SWARTZ

STREET COMMITTEE

†J. H. MARTIN, *Chairman*
 G. S. KLENZING
 ‡H. C. HUNSECKER

FIRE COMMITTEE

G. S. KLENZING, *Fire Marshal*
 T. C. McCULLOUGH
 R. F. ANGLE

BOROUGH PROPERTY COMMITTEE

ELLWOOD JODER, *Chairman*
 T. C. McCULLOUGH
 J. H. MARTIN
 G. S. KLENZING
 B. F. SMALL

SEWER COMMITTEE

B. F. SMALL, *Chairman*
 R. F. ANGLE
 G. C. GEYER

INDUSTRIAL COMMITTEE

H. H. SWARTZ, *Chairman*
 G. C. GEYER
 R. F. ANGLE

PUBLIC COMFORT STATION COMMITTEE

B. F. SMALL, *Chairman*
 G. C. GEYER
 C. H. PENSINGER

PARKS AND PLAYGROUNDS
COMMITTEE

C. H. PENSINGER, *Chairman*
G. S. KLENZING
J. H. MARTIN
H. H. SWARTZ
*H. C. HUNSECKER

PUBLIC SAFETY COMMITTEE

BURGESS R. C. VANDERAU,
Chairman
CHIEF H. S. BYERS
B. F. SMALL
T. C. McCULLOUGH
C. H. PENSINGER

COYLE LIBRARY TRUSTEES

R. F. ANGLE
G. C. GEYER

BOARD OF HEALTH

DR. B. M. BEATTIE, *President*
DR. L. H. SEATON
JAMES C. CLARK
PAUL WALKER
F. LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

* Died October 30, 1939. H. R. Forbes appointed to fill out unexpired term.

† G. C. Geyer appointed Chairman of Street Committee July 3, 1939, on account of illness of J. H. Martin.

‡ H. H. Swartz appointed as member of Street Committee July 3, 1939, to serve out unexpired term of H. C. Hunsecker.

PERSONNEL OF THE BOROUGH GOVERNMENT

1946

R. C. VANDERAU	<i>Chief Burgess</i>
C. H. PENSINGER	<i>President Town Council</i>
J. HASE MOWREY	<i>Manager of Utilities</i>
E. W. DAVIS	<i>Secretary</i>
W. M. L. ETTER	<i>Treasurer</i>
EDMUND C. WINGERD	<i>Solicitor</i>
EDGAR W. DIEHL	<i>Tax Collector</i>
HARRY R. GEARHART	<i>Auditor</i>
HERBERT C. KEEFER	<i>Auditor</i>
ALBERT S. HENNEBERGER	<i>Auditor</i>
MARGARET E. WINGERT	<i>Chief Bookkeeper</i>
H. S. BYERS	<i>Chief of Police</i>
ROBERT MONN	<i>Superintendent of Water and Sewer</i>
W. L. GROVE	<i>Plumbing Inspector</i>
F. D. RHODES, JR.	<i>Borough Engineer</i>
CHARLES F. PFOUTZ	<i>Assistant Borough Engineer</i>
ROBERT RINICK	<i>Market Master</i>

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H. H. SWARTZ
STEPHEN MCC. NELSON
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G. C. GEYER

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R. F. ANGLE, *Chairman*
B. F. SMALL
STEPHEN MCC. NELSON

STREET COMMITTEE

H. H. SWARTZ, *Chairman*
A. R. ZIMMERMAN
T. C. MCCULLOUGH

FIRE COMMITTEE

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G. S. KLENZING

BOROUGH PROPERTY COMMITTEE

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H. H. SWARTZ
H. R. FORBES
B. F. SMALL

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G. C. GEYER
H. R. FORBES

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G. S. KLENZING
A. R. ZIMMERMAN

PUBLIC COMFORT STATION COMMITTEE

B. F. SMALL, *Chairman*
G. C. GEYER
T. C. MCCULLOUGH

PARKS AND PLAYGROUNDS
COMMITTEE

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A. R. ZIMMERMAN
G. S. KLENZING
H. H. SWARTZ
B. F. SMALL

PUBLIC SAFETY COMMITTEE

BURGESS R. C. VANDERAU, *Chairman*
CHIEF H. S. BYERS
H. R. FORBES
STEPHEN MCC. NELSON
R. F. ANGLE

COYLE LIBRARY TRUSTEES

G. C. GEYER
STEPHEN MCC. NELSON

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DR. L. H. SEATON
JOHN B. MINEHART
PAUL WALKER
F. LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

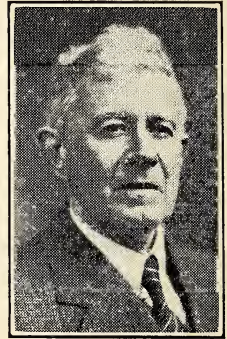
**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



ELLWOOD JODER
*President of Council
Councilman, 1st Ward*



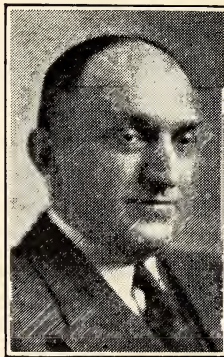
***H. C. HUNSECKER**
*Councilman, 1st Ward
Died October 30, 1939*



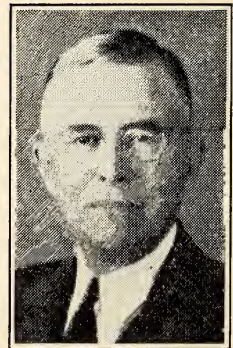
H. R. FORBES
Councilman, 1st Ward



R. F. ANGLE
Councilman, 2nd Ward

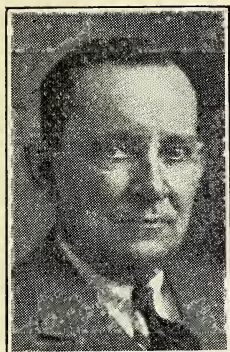


R. C. VANDERAU
Chief Burgess

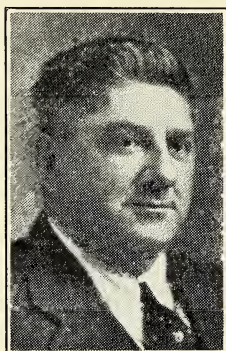


J. HARVEY MARTIN
Councilman, 2nd Ward

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



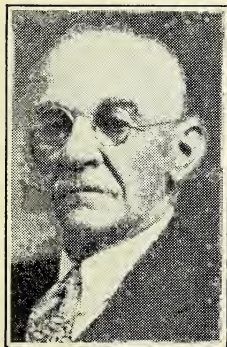
C. H. PENSINGER
Councilman, 3rd Ward



H. H. SWARTZ
Councilman, 4th Ward



G. C. GEYER
Councilman, 3rd Ward



T. C. McCULLOUGH
Councilman, 4th Ward



B. F. SMALL
Councilman, 5th Ward

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



G. STEWART KLENZING
Councilman, 5th Ward



E. C. WINGERD
Borough Solicitor



J. HASE MOWREY
Manager of Utilities



F. D. RHODES, JR.
Borough Engineer

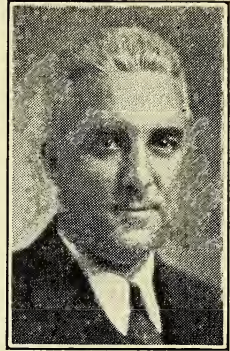


H. S. BYERS
Chief of Police

**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



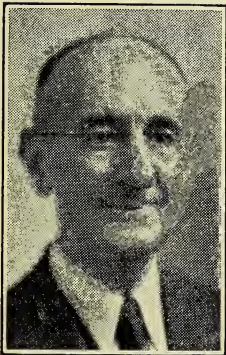
MARGARET E. WINGERT
Chief Bookkeeper



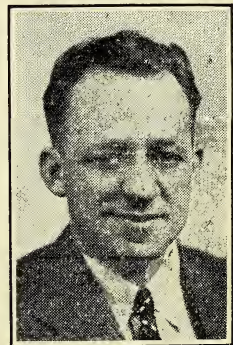
ROBERT MONN
Supt. of Water and Sewer



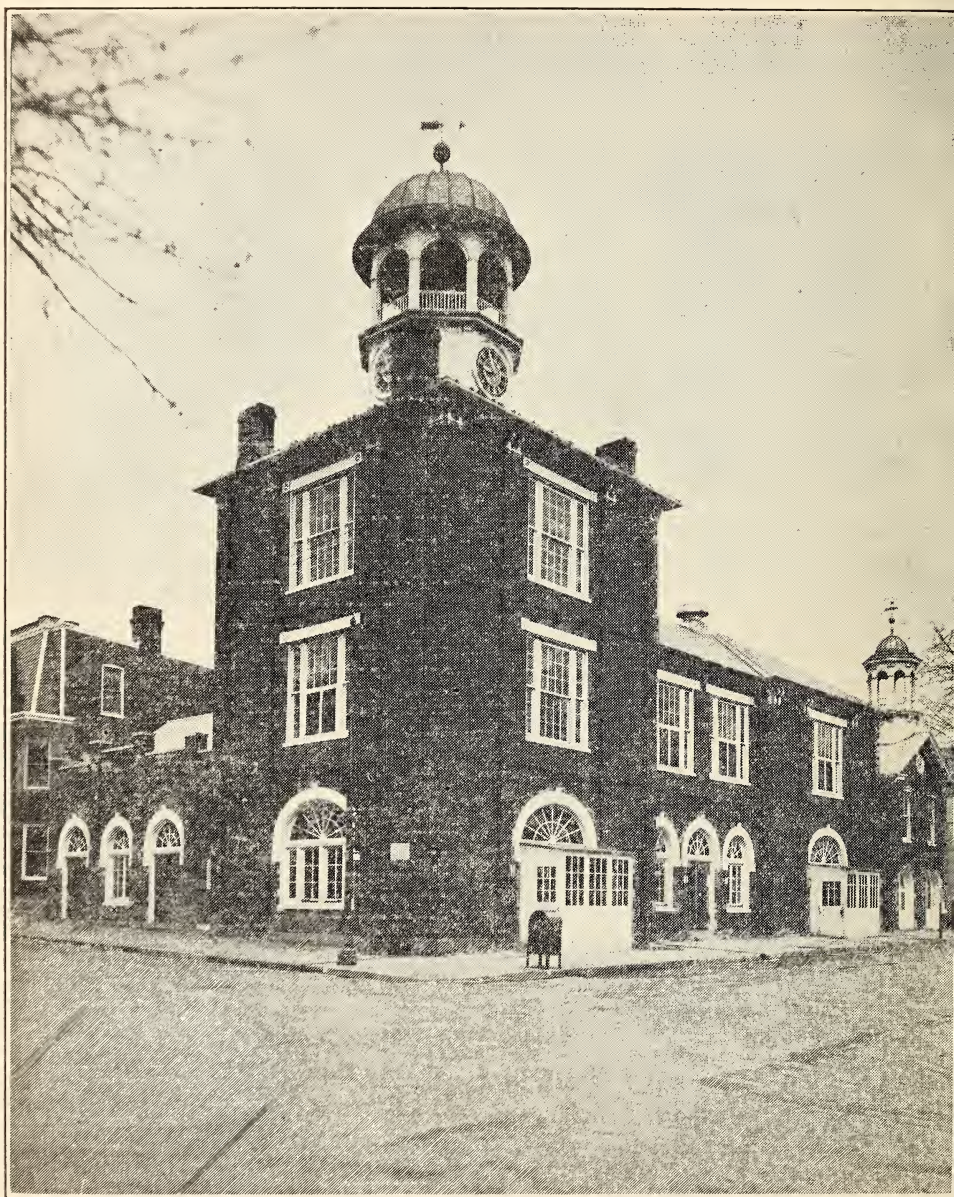
W. L. GROVE
Plumbing Inspector



E. W. DAVIS
Borough Clerk



ROBERT RINICK
Market Master



MUNICIPAL OFFICE BUILDING

HISTORICAL

Chambersburg was founded by Benjamin Chambers at "Fawling Spring on Cannogogige," in 1734, and in 1764 Benjamin Chambers writes, "there is a town laid out on Conegogig Creek." The Town was incorporated by an Act of the General Assembly of the State of Pennsylvania, March 21, 1803, and the first Burgess and Town Council consisted of the following: Chief Burgess—Major John Holliday; Councilmen—Edward Crawford, Esq., Andrew Dunlap, Christian Oister, John Shryock, and Patrick Campbell. It has grown slowly, but its growth has been steady and its accomplishments enduring. Today, it bears the rather enviable reputation of being one of the outstanding boroughs in the State of Pennsylvania, and its citizens enjoy more vital services at a much lower cost than any other borough in the State.

POLICE DEPARTMENT

The first police force for the Borough of Chambersburg was established January 16, 1818, by the following action of Town Council, "Be it ordained, etc., That four men shall be employed to watch and patrol the streets of the Borough during the night, from nine o'clock until daybreak, for the term of three months from this date, to guard the property of the inhabitants, as far as in their power, from incendiaries, thieves, and plunderers, and to arrest and detain all vagrants and night walkers until the morning, unless he, she, or they, can give a satisfactory account of their purpose and the occasion of their being found on the street—and also call the hour."

The Council entered into an article of agreement dated January 17, 1818, with Robert Allison, as Captain, William McElhany, Jacob Heckerman, and Dan McAllister, privates, to patrol the town from nine o'clock until daybreak, call the hour, and light any lamps that are, or may be erected, for which the Captain was to receive \$18.00 per month, and each private \$15.00 per month, and the Council was to furnish each one with a sufficiently warm watch coat.

From the following proclamation, it is evident that 123 years ago, the sources of amusement for the good people of Chambersburg were more varied, permanent, and better protected than they are today:

"To Robert Allison, High Constable

Sir: You are hereby authorized to attend the Theatre in the Borough of Chambersburg and Protect the Manager thereof whilst acting from any disorderly Person or Persons—and if any Person or Persons attempt to disturb said actors during their performans—you are hereby Commanded to bring him or them before me or any Justice of the Peace in said Borough to be dealt with according to Law. Fail not.

Given under my hand and seal this 19th day of July, 1816.

(Signed) PATRICK CAMPBELL, Burgess."

From this very modest beginning, the Police Department has developed into a highly efficient and very completely equipped organization, consisting of a Chief, two Sergeants, and eight Patrolmen. Their equipment consists of a Harding Police Register System, dictograph, finger printing outfit, Colts 38 calibre revolvers, tear gas guns, tear gas hand grenades, police car, and two motoreycles.

During the year 1939, the Police Department answered 1,662 calls. This is exclusive of all calls answered by the Chief. There was a total number of 1,368 arrests made for various offenses. The arrests for drunk and disorderly conduct totaled 327. There were 14 actual cases of breaking in and larceny reported, and 12 arrests were made in these 14 cases. There were 4 stolen autos, 3 of which were recovered and 1 not recovered. The night patrol reported 271 store doors left open by owners on leaving store. The total amount of fines imposed was \$1,181.00, and the total amount of fines collected by the Borough was \$748.00, \$626.00 of which was Parking Meter fines.

FIRE DEPARTMENT

In 1790, one hundred and fifty years ago, when the village of Chambersburg consisted entirely of either log or frame houses, and the fire hazard was great because of wood fires upon the open hearth, the necessity of providing protection from fire was first discussed, and the Friendship Fire Company, an organization of citizens equipped with buckets, was formed.

Since that time, with the expansion of the village from a few houses to a borough of the first magnitude, the formation of additional companies became necessary, and their equipment, from bucket, to hand pump, to hose reel, to steam fire engine, and, during the past fifteen years to modernized motor drawn and motor driven apparatus, has kept pace with the times.

Today, the fire department consists of five companies, advantageously located, and equipped with three American LaFrance Pumpers, one Ward LaFrance Flood Light Truck and Pumper, an aerial truck with 65-foot ladder, a City Service truck with booster pump, a truck equipped with a Foamite unit, a squad and chemical car, and an ambulance.

The companies are entirely volunteer, only the drivers of the apparatus receiving pay from the Borough. The fire houses are owned by the Borough and under the care of the Property Committee of the Borough Council.

In addition to the above mentioned equipment, the town is completely covered by the Gamewell Fire Alarm System, consisting of 54 fire alarm boxes, 5 station house indicators and gongs, and one general alarm, all storage battery operated, and 222 latest type fire plugs are installed at the most advantageous points.

The Department answered 29 General Alarms sounded by the Gamewell System during the year, 4 of which were false alarms. In addition to these system alarms, the companies responded to silent alarms and individual calls as follows:

Junior Company	32
Good Will Company	32
Franklin Company	25
Friendship Company	20
Cumberland Valley Company	16

The Franklin Fire Company Community Pumper answered 29 calls for rural fires, the fire loss of which amounted to \$21,425.00.

The fire loss in the Borough of Chambersburg for 1939 was \$42,970.00.

The Good Will Ambulance responded to 797 calls during the year.

STREET DEPARTMENT

On March 30, 1734, Benjamin Chambers was given a grant to take, settle, and improve 400 acres of land at the mouth of the Falling Spring and the Conococheague Creek, but this tract was not subdivided until 1764 when it was laid out as a town and called Chambers Town, which name was changed to Chambersburg when Franklin County was erected in 1784.

The limits of the town at that time were on the North by the Falling Spring, on the East by Second Street, on the South by approximately Liberty Street, and on the West by the Conococheague Creek.

In the beginning of the 19th Century no streets had been graded or paved, although each property owner was required to maintain a walk in front of his own property. The original plan of the inhabitants was to make Second Street the principal business street, but this was changed to Main Street after considerable influence was exerted by those property owners.

Prior to 1813, the Lincoln Highway and Main Street were repaired by the Turnpike Company, by turnpiking which consisted of placing one foot of broken stone covered with gravel and clay. The first record of a contract awarded by the Borough was in 1813 to repair the Lincoln Highway and Main Street near the "Diamond."

The first covered storm sewer was built in Burkhart Avenue from Main Street to the Creek in 1823. This sewer had an inside height of 4½ feet and a width of 3½ feet.

The extension of this form of street repairs, grading, and sewers continued with some modifications until 1912 when the present brick paving was laid and plans adopted to continue this paving four blocks each year. This plan was not followed due to the increased cost of materials.

In 1918 a general plan of macadam construction and surface oiling was adopted and the Lincoln Highway and Main Street were paved first with water-bound macadam and treated with road oil. This is the first year that a large quantity of road oil was used as a maintenance and construction material. Prior to this time oil was used as a dust preventive and partially paid for by the property owners abutting on the streets treated.

This plan was continued until 1927 and 1928, when the Lincoln Highway and Main Street were again repaved with reinforced cement concrete.

In addition to the usual maintenance work, such as patching, oiling, sweeping and removing refuse from streets and alleys; snow and ice removal; control of dust and weeds on streets and alleys; maintenance and repair of storm sewers; maintenance and repair of bridges; operation and maintenance of Street Department Garage; and the backfilling of ditches that were opened for the purpose of new installation or renewal of water, sewer and, or, gas service to properties; the following construction work was completed during 1939:—

Street Construction: The following streets were paved with macadam:

Street	From	To	Sq. Yds.
Ohio Ave.	Scotland Ave.	Eastward	1,400
Seventh St.	Catherine St.	Southward	770
Guilford Ave.	Fourth St.	Sixth St.	3,675
Fifth St.	Wayne Ave.	Guilford Ave.	1,400

Street	From	To	Sq. Yds.
Sixth St.	Wayne Ave.	Guilford Ave.	1,400
Alexander Ave.	Pennsylvania Ave.	Ohio Ave.	1,400
Cleveland Ave.	Cumberland Ave.	Northward	1,500
Grandview Ave.	King St.	High St.	400
East Catherine St.	Fifth St.	Sixth St.	1,100
Fifth St.	Liberty St.	Catherine St.	1,000
High St.	Federal St.	Garber St.	2,000
Park Ave.	Edgar Ave.	Scotland Ave.	2,225
Bishop Ave.	Glen St.	Grandview Ave.	330
Hollywell Ave.	At curve near	Borough Farm	670
Pennsylvania Ave.	Scotland Ave.	Eastward	500

Total Square Yards 19,870

Alley Construction: During the year 4,934 square yards, or .7 miles of alleys were constructed with water-bound bases and bituminous concrete surfaces and 673 square yards, or .104 miles were paved with Portland cement concrete and approximately 7,820 square yards treated with surface oil and stone chips.

Storm water drains were constructed in the alley adjoining the Cedar Grove Cemetery to the North and on Center Street from Hood Street westward of 24" concrete pipe, a total distance of 473 feet; on Philadelphia Avenue at Vine Street a 1'9" x 3'6" concrete box culvert was constructed, a distance of 113 feet, and on Garber Street from High Street, southward 200 feet, an 18" concrete pipe sewer was laid.

STREET DEPARTMENT REPORT

FOR THE YEAR ENDING DECEMBER 31, 1939

In presenting this report of the Street Department activities during 1939, we feel it is interesting to show in addition a comparative report of the works completed during the past twenty-one years. The progress in highway construction and maintenance has made necessary large expenditures for drainage structures and bridges.

Comparative report of streets, alleys, sewers, bridges, as of 1918 and 1939, showing works completed by the Street Department during the past twenty-one years:

STREET SURFACES

1918		1939
Square Yards	Type	Square Yards
3,850	Oil Treated Water Bound Macadam	395,524
0	Oil Treated Bituminous Macadam	46,515
0	Reinforced Cement Concrete	72,663
14,712	Brick on Cement Concrete Base	14,712
0	Bituminous Concrete	12,935
302,400	Stone and Cinder	51,505
188,200	Clay or Slate	3,586
96,965	Not Opened	8,687

Total—606,127 Square Yards, or 30.936 Miles.

ALLEY SURFACES

1918		1939
Miles	Type	Miles
0	Reinforced Cement Concrete	1.15
0	Bituminous Concrete	3.11
0	Oil Treated Macadam	4.72
4.10	Stone and Macadam	11.38
17.90	Clay, Slate or Not Opened	1.64
Total—22.0 Miles.		

UNDERGROUND SURFACE WATER DRAINS

1918		1939
Linear Feet	Type	Linear Feet
2,610	12" Terra Cotta Pipe	2,610
200	18" Terra Cotta Pipe	4,380
0	15" Terra Cotta Pipe	260
2,650	24" Terra Cotta Pipe	4,993
0	36" Terra Cotta Pipe	452
0	12" Concrete Pipe	566
0	15" Concrete Pipe	350
0	18" Concrete Pipe	884
775	24" Concrete Pipe	1,133
0	36" Concrete Pipe	800
0	18" Iron Pipe	1,050
0	3' x 2.5' Cement Concrete Box	1,662
0	4' x 3' Cement Concrete Box	1,467
0	3' x 3' Cement Concrete Box	8,385
0	4' x 4' Cement Concrete Box	6,726
0	2' x 2' Cement Concrete Box	150
0	1.5' x 3.5' Cement Concrete Box	720
0	1.75' x 3.5' Cement Concrete Box	113
6,235	Totals	36,888
31	Inlets	281

ENGINEERING DEPARTMENT

The office of the Borough Engineer in Chambersburg was created by Ordinance approved by the Burgess and Town Council on June 14, 1909.

The Town Council appoints the Borough Engineer, and they are the judges of what assistants shall be furnished. He shall furnish all engineering for all departments unless otherwise directed by Council: To make profiles and plans of all streets, alleys, sewers, bridges, and to keep proper records of same; to have charge of all Borough property not under the supervision of the Manager of Utilities; to have general supervision over all work of the Street Department and to report monthly to the Borough Council of all works completed; to keep records of locations of water, sewer, and gas pipes; to furnish and supply maps, charts, profiles, plans, specifications, estimates, data, and advice to Town Council, all committees, and officers of the Borough.

PUBLIC COMFORT STATION

A Public Comfort Station was built by the Borough of Chambersburg and the Commissioners of Franklin County in 1932 at a total cost of \$10,689.03, and is maintained jointly by them. The operation costs and repairs are divided. In 1939 the costs were \$1,323.22, of which the Borough paid \$661.61. In addition the Borough furnished water and electricity to the amount of \$571.80, and the County Commissioners furnished heat and janitor service, without charge.

Two attendants are employed and are on duty each day during the hours of operation to maintain order and keep the station in an orderly and sanitary manner.

The use made of this station has greatly exceeded the estimates made by the original promoters, and the records kept show that more than 2,000 people attended this station in one day.

PARKS AND PLAYGROUNDS

Small park areas are owned and maintained on Commerce Street, Grandview Avenue, Borough Farm, Memorial Fountain, and Fountain on Glen Street, and in addition the banks of the Conococheague Creek and Falling Spring are maintained and planted by the Borough.

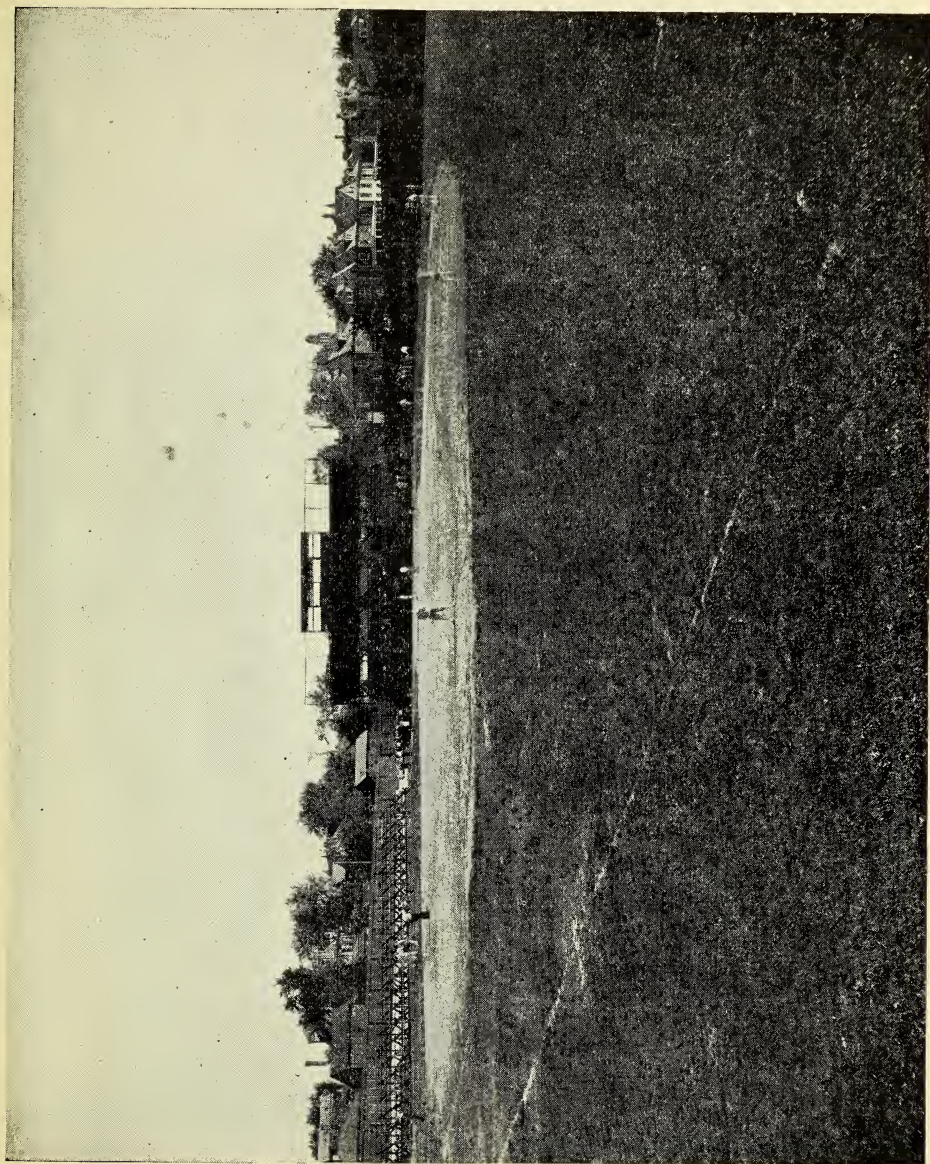
The playground system has been developed in five small playgrounds with Henninger Field as the center of competitive events.

Practically all the playground equipment was purchased by the citizens in the vicinity of each playground and maintained by them until several years ago the Borough accepted the responsibility of all equipment, maintenance, and repairs. Wading pools have been constructed on the Fifth Ward and Stevens Playgrounds. Tennis courts are provided for Stevens, Fifth Ward, and Buchanan Playgrounds as well as at Henninger Field.

The playgrounds and activities are supervised by the Borough Engineer with a general supervisor, and a director at each playground. The programs are designed to have all presentations of activities as a unit, rather than on a competitive basis. The program continues for twelve weeks and consists of athletic activities, dramatics, handcraft, and music. All competitive contests are held on Henninger Field and Buchanan Playground Athletic Field where two men supervise the contests.

An addition of 3½ acres of ground was made to Henninger Field Playground, this addition being devoted entirely to playground equipment and play areas for children, it being a sufficient distance from the Athletic Field to prevent any injury to children by baseballs, etc.

The use of Henninger Field has been increasing each year for both the playground activities and baseball as well as special events held, such as band concerts, hymn sings and other entertainments of that nature. The estimated attendance at the special events alone was 11,350 during the year and 4,000 at playground baseball. The total daily attendance of all playgrounds for the year was approximately 56,000 as compared with 40,000 during the year of 1938.



HENNINGER FIELD

HISTORY OF THE CHAMBERSBURG HEALTH BOARD

The first meeting of the Chambersburg Health Board was held in Council Hall, September 26, 1893. The following men—Dr. Johnston McLanahan, A. J. White, J. Brua Hoyer, and George Denton were sworn in as members by Burgess George A. Wood. Dr. John A. Bouse was appointed Health Officer.

Dr. Johnston McLanahan was elected President of the Board, which office he held until October 3, 1912.

Among the first duties of the Board were the enacting of local sanitary measures which, in conjunction with the State regulation, began functioning shortly after its inception.

The Health Board was the outcome of an Act of the General Assembly of May 9, 1893, authorizing Chambersburg such a Board. Those who served as members of this Board until the present date are as follows:

Dr. Johnston McLanahan	H. A. Logue	Thomas K. Scheller
A. J. White	E. E. Foust	Dr. Guy P. Asper
Dr. John A. Bouse	Dr. J. J. Eckel	Dr. B. M. Beattie
Daniel O. Gehr	Dr. Paul D. Allen	J. W. Rearick
Dr. Helen Stewart	Morris Lloyd	C. P. Miller
Paul Walker	W. O. Nicklas	Geo. K. Lehner
J. Brua Hoyer	Jacob G. Schaff	Herman Kraiss
Capt. W. H. Mackey	Milton G. McDowell	Dr. L. H. Seaton
Daniel Harmony	George Denton	H. A. Kottcamp
T. C. Karper	W. L. Ritchey	James C. Clark
Geo. F. Arris	Dr. H. M. Miley	F. Lester Marshall

Mr. Morris Lloyd succeeded Dr. Johnston McLanahan as President in 1914, there being no record from October, 1912 to 1914, and continued in this office until his death in 1932, his successor being Dr. B. M. Beattie.

The duties of the Health Board have varied with conditions of the times, but the main actions have always been the maintaining of sanitary health measures concerning the public.

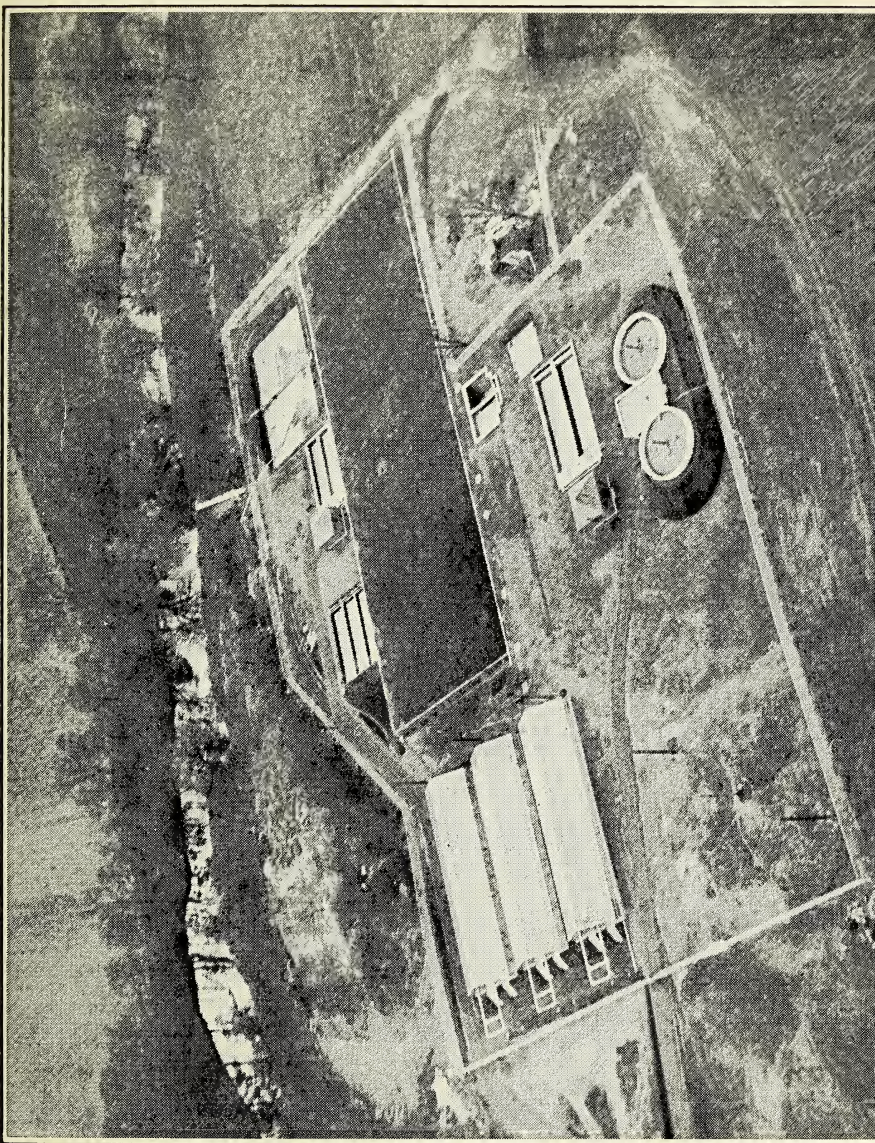
The records of 1893 show considerable controversy about the keeping of hogs within the Borough. With the advent of the sanitary sewer, the abolishing of cesspools and the connecting of houses to the sewer gave rise to a great many problems.

Contagious diseases and their control have always been one of the chief duties of the Health Board.

Other duties are seeing that the milk supply is brought to the consumer in the best possible condition as a palatable, healthful product, free of preservatives or adulterations, issuing of health certificates to those who work or are employed in restaurants, drug stores, hotels, eating houses, etc., nuisances affecting the public are corrected and the general civic conditions of the city are observed.

During the year 1939, the Chambersburg Health Board, through its Health Officer, investigated 979 calls, issued 529 Health Certificates to employees in places handling food stuffs within the Borough, cared for 128 common nuisances, granted 9 permits to milk dealers, and issued 37 permits to haulers of garbage and refuse. One hundred and twenty cases of contagious diseases were reported to the Board during the year 1939.

Seventy-one connections were made to the Sanitary Sewer.



Sediment testing of milk was made quarterly and the preservative test made annually.

Anyone whose milk registered unsatisfactory on two successive testings were refused the privilege of selling milk within the Borough for local distribution.

The Board meets the last Monday of each month in regular session with additional special meetings.

The members are Dr. B. M. Beattie, President; Dr. L. H. Seaton, Mr. John B. Minehart, Mr. Paul Walker, Mr. F. Lester Marshall, and Mr. Frank J. Croft, Health Officer.

HISTORICAL SKETCH OF CHAMBERSBURG SANITARY SEWER DEPARTMENT

When the Borough of Chambersburg decided in 1910 and 1911 to obtain its water supply from the State Forest at Caledonia, it was necessary to obtain a permit from the Pennsylvania State Health Department, and when the State Health Department issued this permit, it granted to Chambersburg the right to the water of Birch Run, but it also provided that, for this right, the Borough of Chambersburg was to install a Sanitary Sewerage System with a proper Disposal Plant of a capacity sufficient to take care of the town for twenty years to come.

The same Bond Issue, providing funds for the construction of the water supply line between the mountain and Chambersburg, provided also for sufficient bonds to put in a Sanitary Sewerage System in Chambersburg. This system was constructed and was put in service August 1, 1912, and has performed in a very satisfactory manner ever since. Since the initial installation, there has been another Imhoff tank constructed at the Disposal Plant, as well as two additional sludge filtering beds. As the building operations developed in the town, new laterals have been run, and at the present time the entire system consists of:

LATERALS

20.669	miles 8"
6.636	miles 10"
.263	miles 12"
.23	miles 15"
.074	miles 18"

Total 27.872 miles

TRUNK LINES

238.0	feet 10"
4,432.5	feet 12"
2,138.3	feet 15"
3,099.4	feet 18"
4,014.9	feet 24"
1,631.2	feet 20" x 30" concrete

Total 15,554.3 feet

At the present time there is a total of 162,823.5 feet or 30.84 miles of sewers, 120 Flush tanks, 729 Manholes, and 3,120 buildings are connected with the system.

For many years this plant was considered the model plant of the State of Pennsylvania by the Pennsylvania State Health Department. There are no charges for sewer service rendered by the Borough of Chambersburg, and this is a rather outstanding achievement when you stop to think that charges for sewer service run from \$8.00 to \$36.00 per year in the State of Pennsylvania.

The State Health Department insists on a very high standard of quality for the effluent from the Disposal Plant, and weekly reports are made to the Department showing each day's operation.

During 1939, requests were received from property owners for extension of the Sanitary Sewer Service for a total of 1,617' of 8" street lateral sewers. In addition to these requests, we had a carry-over program from 1938 of 5,608' which made a total of 7,225' to be constructed in 1939. Of this amount 6,685' were completed, leaving 540' for construction during 1940. With what was left of the construction program of 1939, and additional requests for sewer extensions, it would appear as if there would have to be constructed in 1940, 5,890'. All of the construction work, except 680' done by this Department during 1939, was done under WPA Projects on which the Federal Government furnished all of the labor, while the Borough furnished all of the materials and equipment. This resulted in a final cost to the property owners of an assessment, on the front foot plan, of approximately 50% of what it would have been otherwise.

The total amount spent for labor, trenching and backfilling, by the Federal Government on 6,005' of lateral sewers, constructed under WPA Projects during the year, was \$23,360.23.

The sewers actually constructed in 1939 were as follows:

Wayne Avenue	1,732' of 8" lateral sewer
Cumberland Avenue	2,245' of 8" lateral sewer
Guilford Avenue	1,631' of 8" lateral sewer
Central Avenue	85' of 8" lateral sewer
Spring Street	397' of 8" lateral sewer
Stanley Avenue	595' of 8" lateral sewer
Total	6,685'

During 1936, studies were being made by Sanitary Engineers covering the reconstruction of the Sewage Disposal Plant, and during 1937, plans and estimates were submitted by the Engineers covering the necessary changes. The Engineer's estimates on the construction which would be necessary, totaled \$263,000.00. Just as soon as this information was given to the Borough Council, an application was filed, on June 7, 1938, with the Federal Emergency Administration of Public Works, requesting a money grant of \$118,354.76, this representing 45% of the estimated cost of construction. This request for grant was approved, and the Federal Government set aside this amount for this specific purpose.

Bids were received on the work on September 22, 1938, and the General Construction Contract, known as Contract No. 1, was immediately awarded.

This work was completed October 28, 1939. Certain portions of the Plant were ready for occupancy and use on October 15, 1939, and

those portions were put in operation immediately. The final inspection of the Plant by the Engineers, the Burgess and Town Council of the Borough of Chambersburg, and the Federal Emergency Administration of Public Works was made on October 30, 1939, and on November 6, 1939, the work and workmanship, with several reservations, was accepted by The Burgess and Town Council of the Borough of Chambersburg. The original estimate covering the construction of this Plant was \$263,000.00, and all of the work included in this estimate, as well as a new Cyclone galvanized wire fence completely surrounding the Plant, which was not included in the original estimate, was completed for a total cost of \$217,715.41, which represents a saving of \$45,284.59 from the original estimate. Of the \$217,715.41, the Federal Emergency Administration of Public Works contributed \$97,971.93, or forty-five per cent. The new Plant is of the "Separate Digestion" type, and represents the last word in Sanitary Engineering. The Plant has a twenty-four hour capacity of two million gallons of sewage.

The total sewage handled at the Sanitary Sewage Disposal Plant during 1939 was 396,193,126 gallons. The total cost for the operation and maintenance of the Plant during the year 1939 was \$10,146.71. The average cost for handling the sanitary sewage during 1939 was 2.56 cents per 1,000 gallons.

ANNUAL REPORT OF THE PLUMBING INSPECTOR

During the year 1939 the services of the Plumbing Inspector were being made use of by the citizens and local Registered Plumbers to a much greater extent than in 1938. During the year he had submitted to him 327 sets of plans for approval, covering, in all, the inspection, supervision, installation, and testing of 901 fixtures, which involved the making of 919 trips onto different jobs. There were 40 different residences and buildings in which the plumbing was inspected and tested, which covered 276 fixtures. During the year there were 19 residences converted into apartments, in which 108 fixtures were inspected and tested. There were 67 alteration jobs, which involved the inspection and testing of 485 fixtures. There were 32 automatic gas water heaters installed, and these were all inspected. There can be little question as to the value of this service which is being furnished to the citizens of the town, and as it continues to develop, will mean much to the town from a sanitary standpoint.

STATEMENT OF RECEIPTS AND EXPENDITURES OF THE BOROUGH OF CHAMBERSBURG, PENNSYLVANIA, FROM JANUARY 1st, 1939, TO JANUARY 1st, 1940

Receipts

Balance in Treasurer's Account		
January 1, 1939	\$	448.31
Edgar W. Diehl, 1939-1940 Tax		
Duplicate	\$	6,892.81
Edgar W. Diehl, 1938-1939 Tax		
Duplicate	491.27	
	<hr/>	7,384.08

Licenses, Circus	\$	15.00	
Licenses, Peddlers		63.00	
Licenses, Beverages		4,375.00	
Sewer Permits		167.50	
Building Permits		64.00	
Digging Permits		21.50	
		<hr/>	4,706.00
Parking Meter Fines, W. R. Kieffer	\$	626.00	
Fines, W. R. Kieffer, Justice of the Peace		78.00	
Fines, John S. Gillan, Justice of the Peace		44.00	
		<hr/>	748.00
Market Master		471.75	
Tax Liens		1,052.17	
Lateral Sewers		4,812.02	
Ambulance Collections		604.74	
Pole Tax		233.80	
Street Paving Liens and Interest	\$	380.24	
Repairs to Streets		1,028.76	
Sale of Materials		168.05	
Rental of Equipment		201.95	
Resurfacing Private Driveways and Parking Lots		92.52	
Refund Paving Lien Costs		21.10	
State Gasoline Tax Refund		4,000.00	
Miscellaneous Street		14.34	
		<hr/>	5,906.96
Commonwealth of Pennsylvania Fire Insurance Company Tax		1,710.59	
Henninger Field Lighting—Playground Associations		411.86	
Insurance Refund		37.30	
Building Sidewalks, Curbs, and Gutters		5,020.99	
Rental of Borough Farm		412.35	
Rental of other Borough Properties		271.88	
Electric Light Department White Way Posts		2,786.36	
Traffic Signal Repairs		154.05	
Parking Meter Receipts		2,329.57	
Miscellaneous Police Department		125.80	
Miscellaneous Fire Department		169.70	
Miscellaneous Sewer Department		123.09	
Miscellaneous Engineering Department		4.05	
Miscellaneous General Borough		161.51	
Transfer from Disposal Plant Construction Fund		374.01	
Transfer from Electric Light Department		140,000.00	
Transfer from Water Department		8,000.00	
		<hr/>	\$188,460.94

Expenditures

Salaries

Clerks and Bookkeepers	\$ 3,792.34	
Borough Engineer	2,520.00	
Drafting Department	4,009.59	
Treasurer	300.00	
Borough Attorney	1,200.00	
Burgess	360.00	
Auditors	375.00	
Market Master	1,300.00	
Plumbing Inspector	1,500.00	
	<hr/>	\$ 15,356.93

Board of Health

Salary	\$ 1,500.00	
Supplies	239.05	
	<hr/>	1,739.05

Police Department

Salaries	\$ 17,481.35	
Equipment and Supplies	289.43	
Maintenance and Repairs to		
Motor Equipment	373.56	
New Motor Equipment	512.15	
Uniforms	770.15	
Telephone and Telegraph	190.21	
Traffic Signs, Signals, and Re-		
pairs	4,470.32	
Fuel	89.00	
Gas and Oil	430.16	
Repairs to Building	24.02	
Insurance	5.85	
Handling Parking Meter Collec-		
tions and Fines	390.10	
Miscellaneous	244.89	
	<hr/>	\$ 25,271.19

Street Department

Maintenance of Streets:

Patching	\$ 4,691.07
Surface Oiling	6,037.86
Sweeping (Hand)	2,588.16
Sweeping (Motor)	965.49
Removal of Snow	1,801.46
Miscellaneous	158.63

Maintenance of Alleys:

Patching	\$ 2,359.29
Surface Oiling	156.33
Sweeping	176.40
Dust Prevention and Weed Con-	
trol	535.24
Miscellaneous	20.60

Maintenance and Repairs:

Storm Sewers	\$ 349.57	
Bridges	380.62	
Operation, Maintenance and Repairs to Garage	723.87	
Purchase and Repairs to Tools	324.43	
Operations and Repairs to Equipment	3,578.58	
Construction of Streets	16,932.44	
Construction of Alleys	9,273.26	
Construction of Storm Sewers	4,154.88	
Office Supplies, Insurance	820.59	
Purchase of Equipment	2,307.54	
Backfilling Ditches, etc.	513.01	
Maintenance and Repairs to Property	7.58	
Property Damages	2,794.39	
Engineering Supervision	1,257.75	
		<hr/>
		62,909.04

Disposal Plant

Salaries	\$ 1,016.64	
Office Supplies, Printing and Postage	131.40	
Labor	4,165.24	
Hydrated Lime	466.60	
Gasoline	65.00	
Fuel	78.25	
Lamps	6.34	
Maintenance and Repairs, Building and Grounds	117.33	
Maintenance and Repairs, Pumps	32.50	
Maintenance and Repairs, Tools and Instruments	81.69	
Maintenance and Repairs, Tanks and Filter Beds	740.12	
Maintenance and Repairs, Sludge Beds	804.60	
Maintenance and Repairs, Electric Equipment	255.62	
New Water Line, Meter, Valves, etc.	496.90	
Purchase of Tools and Instruments	72.35	
Miscellaneous	19.42	
		<hr/>
		\$ 8,550.00

Fire Department

No. 1 Friendship:

Driver's Salary	\$ 1,838.80
Supplies	191.70
Repairs to Equipment	118.47
Repairs to Building	1,527.48
Telephone	28.80
Laundry	11.23

Coal	142.11	
Insurance	44.21	
Gas and Oil	29.98	
New Hose	245.00	
Miscellaneous	98.84	
	<hr/>	4,276.62

No. 2 Junior:

Driver's Salary	\$ 1,873.83	
Supplies	185.39	
Repairs to Equipment	174.13	
Repairs to Building	89.08	
Telephone	39.53	
Laundry	3.88	
Coal	161.12	
Insurance	88.42	
Gas and Oil	39.16	
New Hose	245.00	
Miscellaneous	81.48	
	<hr/>	2,981.02

No. 3 Good Will:

Driver's Salary	\$ 2,024.95	
Supplies	169.48	
Repairs to Equipment	370.90	
Repairs to Building	46.66	
Telephone	25.80	
Laundry	14.82	
Coal	152.35	
Insurance	88.42	
Gas and Oil	44.05	
New Hose	245.00	
Miscellaneous	86.15	
	<hr/>	3,268.58

No. 4 Franklin:

Driver's Salary	\$ 1,839.30	
Supplies	301.74	
Repairs to Equipment	917.22	
Repairs to Building	656.24	
Telephone	25.80	
Laundry	14.44	
Coal	137.50	
Insurance	44.21	
Gas and Oil	47.93	
New Hose	245.00	
Miscellaneous	123.57	
	<hr/>	4,352.95

No. 5 Cumberland Valley:

Driver's Salary	\$ 1,839.30	
Supplies	84.05	
Repairs to Equipment	376.59	
Repairs to Building	44.93	
Telephone	25.80	

Laundry	7.84	
Coal	73.05	
Insurance	44.21	
Gas and Oil	22.92	
New Hose	245.00	
Miscellaneous	65.87	
	<hr/>	2,829.56

General Fire Department

Maintenance and Repairs to Alarm System	\$ 558.84	
Construction and Equipment	2,185.39	
Miscellaneous	80.78	
	<hr/>	2,825.01

Sewers

Salaries	\$ 945.00	
Maintenance and Repairs	565.87	
Sewer Inspection	78.84	
Extension of Sewers	9,632.66	
	<hr/>	11,222.37

Miscellaneous

Office Supplies, Printing and Postage	\$ 1,735.43	
Supplies, Engineering Department	716.17	
Farm Maintenance	47.23	
City Hall Maintenance	772.06	
Maintenance, Building and Grounds	118.30	
Insurance, Fire and Accident ...	3,797.35	
Maintenance and Repairs, Parks and Playgrounds	4,570.37	
Purchase and Improvements, Parks and Playgrounds	1,599.23	
Premium Surety Bonds	250.00	
Recording Liens	118.60	
Coyle Free Library	2,525.00	
Maintenance to Ambulance	622.77	
Telephones	388.75	
Maintenance Comfort Station ...	661.61	
W. P. A. Projects	551.45	
Maintenance of Incinerator	465.00	
Fire Insurance Tax Refund	1,710.59	
Dues, Borough Association	33.00	
Expenses, Borough Officials at Convention	64.50	
Printing and Postage, Tax Collector	156.80	
Cost of New Incinerator, Bridge and Road	7,347.54	
Cost of Band Platform	220.16	
Appropriations, Spanish War Veterans	50.00	

Labor, Fighting Fire at Rupert Dump	209.90	
Christmas Lighting	137.15	
Expenses, Clean-Up Week	477.55	
Chairs, etc., Council Hall	395.98	
Purchase of Minick Properties ..	3,000.00	
Fence, Signs, and Labor, Parking Lot	419.13	
Labor, Cleaning Creek	51.17	
Purchase of New Flag Holders ..	75.95	
Commission on Rent	25.50	
Purchase of Municipal Law Reporter	22.50	
Treasurer's Book	4.85	
Tax Collector's Commissions ...	236.32	
Transfer to Borough Fire Fund .	5,000.00	
Miscellaneous	307.93	
	<hr/>	38,885.84
Balance in Hands of Treasurer, January 1, 1940		3,992.78
		<hr/>
		\$188,460.94

DISPOSAL PLANT—CONSTRUCTION FUND

Receipts

Balance in Hands of Treasurer, 1939	\$ 81,120.39	
Sale of 2% Improvement Bonds	45,000.00	
Interest accrued on 2% Improvement Bonds (38) days	95.00	
P. W. A. Contribution	65,750.00	
P. W. A. Contribution	12,837.25	
	<hr/>	\$204,802.64

Expenditures

Construction Expenditures	\$192,694.72	
Balance in Hands of Treasurer, January 1, 1940	12,107.92	
	<hr/>	\$204,802.64

BOROUGH FIRE FUND

January 1, 1939, Balance in Fire Fund	\$ 33,069.50	
\$5,000.00 Bonds of Borough of Mercersburg	5,100.15	
Transfer from General Borough Account	5,000.00	
Interest, Time Certificates	665.74	
Interest, Coupons on Bonds	212.50	
	<hr/>	\$ 44,047.89
\$5,000.00 Bonds of Borough of Mercersburg	\$ 5,100.15	
Balance in Fire Fund Account, January 1, 1940	38,947.74	
	<hr/>	\$ 44,047.89

TAX COLLECTOR'S ACCOUNT

Borough Bond Borough Bond Total

Dr.

Duplicate 1928-1929 as shown by Auditors' Report January 1, 1939					\$ 202.62
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Cr.

January 1, 1940, Balance outstanding on duplicate jointly collected by Geo. H. Bitner and Paul D. Tarner					\$ 202.62
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Dr.

Duplicate 1938-1939 as shown by Auditors' Report January 1, 1939	\$ 1,064.93	\$ 3,219.07			
Penalty added 5%	40.99	124.12	\$ 1,105.92	\$ 3,343.19	

Cr.

Amount paid Treasurer by Edgar W. Diehl \$	491.27	\$ 1,509.89			
Tax Liens accepted by Council .	401.63	1,196.53			
Exonerations allowed by Council	196.51	590.17			
Mistakes and Errors allowed by Council	16.51	46.60	\$ 1,105.92	\$ 3,343.19	

Dr.

Duplicate 1939-1940		\$ 8,193.93	\$24,583.91		
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Cr.

Amount collected to November 1, 1939	\$ 6,849.38	\$19,992.65			
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Abatement on Account collected to November 1, 1939	360.49	1,052.24		
Collected November 1, 1939, to January 1, 1940	43.43	128.53	\$ 7,253.30	\$21,173.42
Balance to be collected January 1, 1940			\$ 940.63	\$ 3,410.49

SUMMARY TAX DUPLICATE

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Total</i>
January 1, 1940, Duplicate 1928-1929			\$ 202.62	
January 1, 1940, Duplicate 1939-1940	\$ 940.63	\$ 3,410.49		
	\$ 940.63	\$ 3,410.49	\$ 202.62	\$ 4,553.74

STATEMENT BOND DEPARTMENT

Receipts

Balance in Hands of Treasurer January 1, 1939	\$13,458.95
Tax Duplicate 1938 - 1939, Edgar W. Diehl	\$ 1,509.89
Tax Duplicate 1939 - 1940, Edgar W. Diehl	20,121.18
	21,631.07
Transfer from Disposal Plant Construction Fund, accrued interest on \$100,000.00 Bonds from October 3, 1938, to February 28, 1939	822.22
Accrued Interest on \$145,000.00 Bonds from February 2, 1939, to September 1, 1939	1,450.00
	\$37,362.24

Expenditures

Bonds Redeemed	\$16,000.00
Interest Paid (Coupons)	6,428.00
State Tax	60.49
Commission Account, Corporate Loan Report, William M. L. Etter	3.18
Edgar W. Diehl (Commissions)	692.18
Balance in Hands of Treasurer January 1, 1940	14,178.39
	\$37,362.24

BOND DEPARTMENT—SINKING FUND

Balance in Sinking Fund January 1, 1939, (Four Banks)	\$ 4,140.50	
Interest received (Four Banks)	83.22	
	<hr/>	\$ 4,223.72
Balance in Sinking Fund January 1, 1940, (Four Banks)	\$ 4,223.72	
	<hr/>	\$ 4,223.72

TAX LIENS

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Interest</i>	<i>Total</i>
Balance to be collected January 1, 1939	\$ 3,526.93	\$ 4,241.36	\$ 27.33		\$ 7,795.62
Liens entered during 1939	1.58	4.73		\$ 61.57	67.88
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 3,528.51	\$ 4,246.09	\$ 27.33	\$ 61.57	\$ 7,863.50
Amount collected 1939	396.48	575.93		61.57	1,033.98
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 3,132.03	\$ 3,670.16	\$ 27.33	\$ 00.00	\$ 6,829.52
Exonerations from Penalty	13.16	14.70			27.86
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Balance to be collected January 1, 1940	\$ 3,118.87	\$ 3,655.46	\$ 27.33	\$ 00.00	\$ 6,801.66

LATERAL SEWER ASSESSMENTS

Balance to be collected January 1, 1939	\$ 458.17	
Assessments made during 1939	19,178.02	
Interest accrued	17.19	
	<hr/>	\$19,653.38
Collected during 1939	\$ 3,618.33	
Interest collected	17.19	
Liens entered 1939	53.37	
Exoneration allowed by Council	274.16	
Balance to be collected January 1, 1940	15,690.33	
	<hr/>	\$19,653.38

LATERAL SEWER LIENS

Balance to be collected January 1, 1939	\$ 6,665.34	
Sewer Assessments entered as liens	53.37	
Interest accrued	214.74	
Costs accrued	25.50	
	<hr/>	\$ 6,958.95

Collected during 1939	\$ 903.21	
Interest collected	219.09	
Costs collected	25.50	
Liens not revived	2,374.61	
Balance to be collected January 1, 1940	3,436.54	
		\$ 6,958.95

PAVING LIENS

Balance to be collected January 1, 1939	\$ 2,551.71	
Concrete Sidewalk Liens entered 1939	122.38	
Interest accrued	56.38	
Costs accrued	21.10	
		\$ 2,751.57
Collected during 1939	\$ 316.86	
Interest collected	63.38	
Costs collected	21.10	
Balance to be collected January 1, 1940	2,350.23	
		\$ 2,751.57

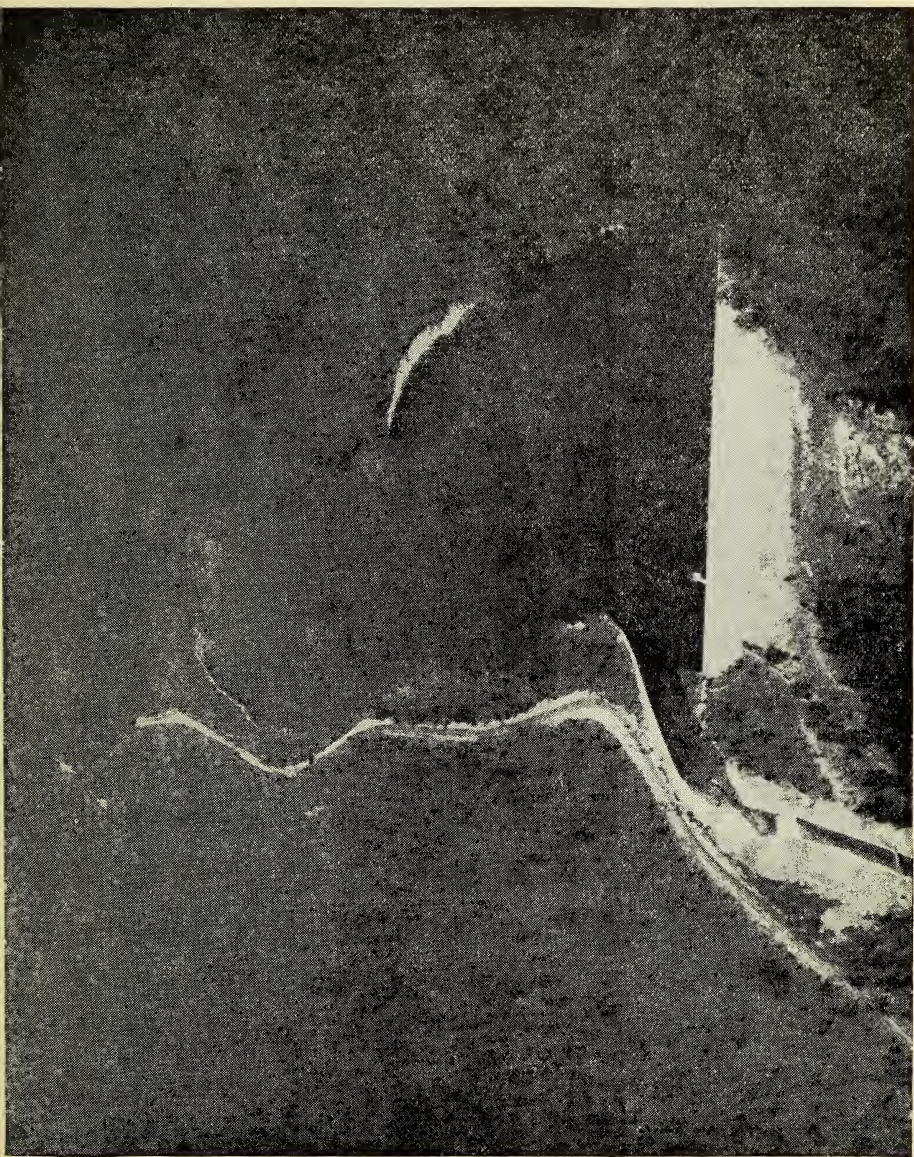
HARRY R. GEARHART,
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Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG WATER DEPARTMENT

The first attempt made to furnish water, under pressure, to the citizens of Chambersburg, was made by the Chambersburg Water Company, of which Mr. James Riddle was President, in 1817. This company furnished water, under pressure, through a wooden pipe system, which consisted simply of pine logs with suitable hole bored through them from end to end and the logs fastened together end to end. Water was furnished until 1875 or 1876. The pump for this system was located on the South side of the Falling Spring at a point almost directly in line with the buildings of the Chambersburg Hospital and the dwelling house on the farm now owned by the T. B. Wood Estate, and was driven by a water wheel. The reservoir was located where the present buildings of the Chambersburg Hospital now stand, and during the construction of the new portion of the Hospital, traces of the old reservoir structure were uncovered, and some of the old wooden pipe was dug up. The pressure under which this water was furnished must have, of necessity, been quite low, and the old records show that the system, as a whole, was not satisfactory.

On March 1, 1875, the following men were elected to the Chambersburg Town Council: W. B. Gilmore, Jacob H. Miller, Samuel M. Worley, J. P. Culbertson, John C. Gerbig, John Suesserote, Thomas Cook, and David Harmony with G. W. Nitterhouse as Burgess. On July 17, 1875, this body took action setting Friday, August 20, 1875, as an election day for voting on a bond issue not to exceed \$60,000.00, for the purpose of



387,000,000 GALLON IMPOUNDING RESERVOIR

erecting a suitable water works. This election was duly held, and the official count reported at a special meeting of Council held August 21, 1875, was as follows:

In favor of the Bond Issue	648
Not in favor of the Bond Issue	317

This was the beginning of the Borough of Chambersburg entering into the business of supplying water to its citizens.

Bids were received for the necessary equipment on September 25, 1875, and the contract was awarded to H. P. M. Birkenbine at a price of \$53,850.00, which covered a one million gallon pump, boiler, one million gallon reservoir, 28 fire plugs, 5,400 feet of 10 inch pipe, 1,750 feet of 8 inch pipe, 7,693 feet of 6 inch pipe, and 18,500 feet of 4 inch pipe, or a total of 6.3 miles of pipe. It is a matter of some interest to note that all of this old pipe and some of the old Birkenbine fire plugs are still in service in Chambersburg today.

This action on the part of the Borough was contested by the Chambersburg Water Company, but, in the end, all of the actions of Council were upheld by the Courts.

This first pumping plant, a steam operated one, was located on the West Bank of the Conococheague Creek almost directly opposite the foundry of the Wolf Company, and has always been known locally as the Birkenbine Pumping Plant. In 1891, a water driven pumping plant was installed at the C. B. Gish mill, afterward known as Siloam, and another reservoir constructed with a capacity of 2,000,000 gallons, on the farm of Joseph Horst. A 2,000,000 gallon steam pumping plant is held in readiness to operate at Siloam and can be placed in service in 10 hours in an emergency.

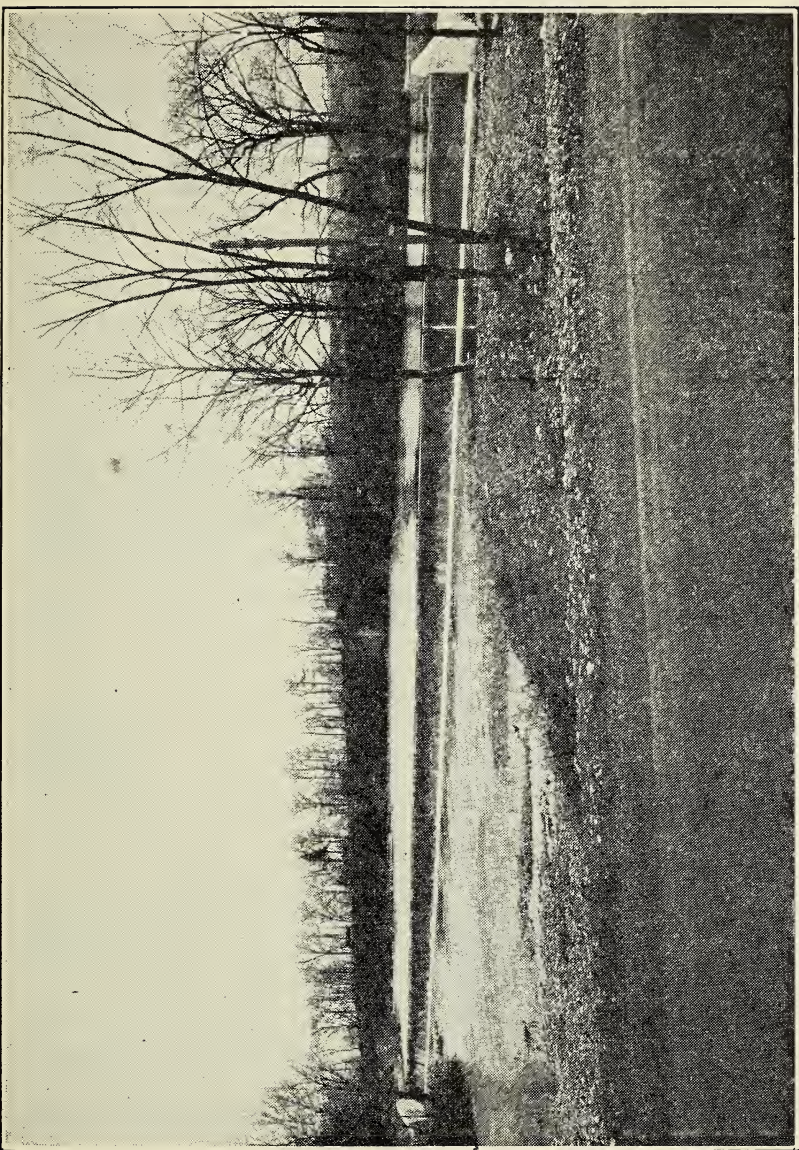
In 1910 and 1911, the Conococheague Creek at Siloam, as a source of water supply was abandoned by the Borough, and a supply brought in by gravity from the State Forest at Caledonia. This was a vast improvement over any of the other supplies that the Borough of Chambersburg had been using, but the drought of 1931, 1932 and 1933 brought very forcibly to the attention of the authorities that the supply might, under certain conditions, become quite inadequate. To guard against any shortage of water that might possibly occur, the Borough of Chambersburg proceeded to build a storage dam, at Caledonia across the Birch Run Valley, which holds 387,000,000 gallons of water. This dam will be held entirely full at all times for emergency purposes, and will supply the town, when using 2,000,000 gallons of water per day, for 193 days, if there was not a drop of water flowing into the dam in all that time.

During the year, the following water main extensions were constructed on the front foot assessment plan:

Reservoir Street	375' of 6" line
East South Street	289' of 6" line
Park Avenue	656' of 6" line
Stanley Avenue	551' of 6" line

The total cash and credits in this Department for 1939 were \$66,958.07, and the total operating and non-operating expenses were \$29,145.55, including depreciation amounting to \$12,516.92, which leaves a total gross profit, exclusive of interest charges, of \$37,812.52.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this Department, after the making of a complete appraisal. The Reproduction Value New less Accrued Depreciation, as of December 31, 1939, is \$1,173,360.72.



SILOAM DAM

PHYSICAL DATA OF BOROUGH OF CHAMBERSBURG WATER DEPARTMENT

JANUARY 1, 1940

Population of Borough	14,000
Area of Water Shed	17.75 Square Miles
Elevation of Impounding Reservoir ...	1,091.75 Feet above Sea Level
Elevation of Intake Dam	975 Feet above Sea Level
Elevation of Dull Hill Reservoir	801 Feet above Sea Level
Elevation of Horst Reservoir	712 Feet above Sea Level
Elevation of Reservoir Hill Reservoir	707 Feet above Sea Level
Elevation of Memorial Square	615 Feet above Sea Level
Total Head from Intake to Town	360 Feet

Present 24 Hour Capacity from Michaux State Forest
by Gravity with 40 Pounds Average pressure in
Chambersburg 5,500,000 Gallons

Emergency Steam Operated Plant at
Siloam, Capacity 2,500,000 Gallons in 24 Hours

Storage Capacity of Impounding Reservoir	387,000,000 Gallons
Storage Capacity of Dull Hill Reservoir	2,200,000 Gallons
Storage Capacity of Horst Reservoir	2,000,000 Gallons
Storage Capacity of Reservoir Hill Reservoir	1,000,000 Gallons
Storage Capacity of Stand Pipe	55,000 Gallons
Total Storage Capacity	392,255,000 Gallons
Days Supply @ 1,824,170 G. P. D. if no water came from Mountain	2.88

Days Supply @ 1,824,170 G. P. D. in Impounding Reservoir .. 212.15
Total Days Supply Stored @ 1,824,170 G. P. D. 215.03

Miles of Mains in Borough Limits

14 Inch	0.42 Miles	4 Inch	11.76 Miles
12 Inch	2.53 Miles	2 Inch	0.57 Miles
10 Inch	4.05 Miles	1½ Inch	0.18 Miles
8 Inch	4.36 Miles	1 Inch	0.37 Miles
6 Inch	12.60 Miles		

Total of all Mains in Borough Limits 36.84 Miles

Miles of Mains outside Borough Limits

16 Inch	2.43 Miles	6 Inch	1.03 Miles
14 Inch	17.81 Miles	4 Inch .....	.09 Miles
12 Inch	1.29 Miles		

Total of all Mains outside Borough Limits 22.65 Miles

Total of all Mains inside and outside Borough Limits ... 59.49 Miles

Total Number of Fire Hydrants on System 222

Total Number of Sewer Flush Tanks on System 120

Active Services

8 Inch	5	1½ Inch	20
6 Inch	10	1¼ Inch	30
4 Inch	27	1 Inch	221
3 Inch	4	¾ Inch	3,164
2½ Inch	1	½ Inch	92
2 Inch	31		

Total of all Active Services 3,605

Inactive Services

2 Inch	4	¾ Inch	74
1 Inch	12	½ Inch	2

Total of all Inactive Services 92

Total of Active and Inactive Services 3,697

Valves inside Borough Limits	604
Valves outside Borough Limits	80
Total Valves in System	684

Number of Domestic Consumers inside Borough Limits	3,235
Number of Domestic Consumers outside Borough Limits	196
Total Number of Domestic Consumers	3,431
Number of Industrial Consumers	41
Number of Railroad Consumers	4
Number of Public Consumers	38
Number of Free Consumers	29
Total Number of Metered Consumers—Active	3,543

Meters on System January 1, 1940

8 Inch	4	1½ Inch	26
6 Inch	6	1¼ Inch	2
4 Inch	17	1 Inch	30
3 Inch	12	¾ Inch	100
2 Inch	26	½ Inch	3,403

Total Number of Meters on System 3,626

Data for Year 1939

Total Cubic Feet Registered by Master Meters	88,776,267
Total Cubic Feet Furnished Domestic Consumers	29,947,079
Total Cubic Feet Furnished Industrial Consumers	17,113,612
Total Cubic Feet Furnished Industrial Consumers—Siloam	2,819,305
Total Cubic Feet Furnished Railroad Consumers	8,033,124
Total Cubic Feet Furnished Public Consumers	4,460,254
Total Cubic Feet Furnished Free Consumers	3,038,794
Estimated Total Cubic Feet Furnished for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	5,110,000
Total Cubic Feet Accounted For	67,702,863
Total Cubic Feet Lost between Master Meter and Consumer	21,073,404
Percentage Lost between Master Meter and Consumer	23.7%

50% of Loss is in Mains	10,536,702
45% of Loss is in Service Pipes	9,483,032
5% of Loss is due to under-registration of Meters	1,053,670
Average Cubic Feet Registered by Master Meters per Day ..	243,223
Average Cubic Feet Used by Consumers per Day	185,487
Average Cubic Feet Unaccounted for per Day	57,736
Average Gallons Registered by Master Meters per Day	1,824,170
Average Gallons per Day per Domestic Consumer	179
Average Gallons per Day per Industrial Consumer	9,990
Average Gallons per Day per Railroad Consumer	41,266
Average Gallons per Day per Public Consumer	2,412
Average Gallons per Day per Free Consumer	2,153
Estimated Average Gallons used per Day for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	105,000
Average Gallons per Day used for all Purposes	1,391,155
Average Gallons per Day Unaccounted For	433,015
Average Gallons per Capita per Day Domestic	43.9
Average Gallons per Capita per Day Industrial	29.3
Average Gallons per Capita per Day Railroad	11.8
Average Gallons per Capita per Day Public	6.5
Average Gallons per Capita per Day Free	4.5
Average Gallons per Capita per Day Flushing Fire Hy- drants, etc.	7.5
Total Average Gallons per Capita per Day Consumption	103.5
Received from Water Sale for Domestic Purposes Inside Borough	\$31,854.92
Received from Water Sale for Domestic Purposes Outside Borough	\$ 4,213.81
Total Received from Water Sale for Domestic Purposes	\$36,068.73
Total Received from Water Sale for Industrial Purposes ...	\$ 8,257.85
Total Received from Water Sale for Industrial Purposes— Siloam	\$ 872.45
Total Received from Water Sale for Railroad Purposes ...	\$ 2,585.85
Total Received from Water Sale for Public Purposes	\$ 2,234.33
Total Received from Sale of Meters, Cocks, and Accessories	\$ 8,922.04
Total Received from All Sources	\$58,941.25
Total Credits for Water Furnished Free Consumers and other Borough Departments	\$ 8,016.82
Total Receipts and Credits	\$66,958.07
Cash Receipts from Water Sale for All Purposes 1939	\$50,019.21
Cash Receipts from Water Sale for All Purposes 1938	\$49,122.29
Increase in Receipts from Water Sale for the Year	\$ 896.92
Cash Receipts from Sale of Meters, Cocks, and Accessories 1939	\$ 8,922.04
Cash Receipts from Sale of Meters, Cocks, and Accessories 1938	\$ 7,067.84
Increase in Receipts from Sale of Meters, etc. for the Year ..	\$ 1,854.20
Average Received per 1,000 Cubic Feet from Domestic, In- cluding Minimum Charges	\$ 1.20
Average Received per 1,000 Gallons from Domestic, Includ- ing Minimum Charges	\$.16
Average Received per 1,000 Cubic Feet from Industrial, In- cluding Minimum Charges	\$.46

Average Received per 1,000 Gallons from Industrial, Including Minimum Charges .....	\$	.06
Average Received per 1,000 Cubic Feet, from Railroads, Including Minimum Charges .....	\$	.32
Average Received per 1,000 Gallons from Railroads, Including Minimum Charges .....	\$	.04
Average Received per 1,000 Cubic Feet from Public, Including Minimum Charges .....	\$	.50
Average Received per 1,000 Gallons from Public, Including Minimum Charges .....	\$	.07
Average Received per Quarter per Domestic Inside Borough	\$	2.46
Average Received per Quarter per Domestic Outside Borough	\$	5.38
Average Received per Quarter per Public Consumer	\$	14.70
Average Received per Month per Industrial Consumer	\$	18.56
Average Received per Month per Railroad Consumer	\$	53.88
Received from Water Sale per Mile of Main Inside Borough	\$	1,243.36
Received from Water Sale per Mile of Main Outside Borough	\$	186.04
Received from Water Sale per Mile of Main Inside and Outside Borough Limits	\$	840.80
Total Lost in Bad Accounts, 1939	\$	0.00
Percent Lost in Bad Accounts, 1939	\$	0.00
Receipts and Credits for 1938	\$	64,151.00
Receipts and Credits for 1939	\$	66,958.00
Increase for the Year	\$	2,807.00

RATES FOR WATER

Within Borough Limits

	Rate Per 1,000 Cu. Ft.
First 20,000 Cu. Ft. used per Month	\$1.00
Next 400,000 Cu. Ft. used per Month	0.30
All over 420,000 Cu. Ft. used per Month	0.28

Minimum Charges

Single houses, or dwellings, shall pay a Minimum Charge of \$1.50 per Quarter.

Double houses served by one meter shall pay a Minimum Charge of \$3.00 per Quarter.

Industries and Railroads shall pay a Minimum Charge of \$0.50 per Month for each and every service.

All Charges are payable net on, or before, the 25th of the Month following the end of the Month or Quarter. If not paid on, or before, the 25th of the Month following the end of the Month or Quarter, a penalty of five (5%) per cent shall be added.

If bills are not paid on, or before, the 30th of the Month following the Month or Quarter for which the bill was rendered, the water will be turned off.

Outside of Borough Limits

Per Thousand Cubic Feet \$2.50

Minimum Charges

Single houses outside of the Borough—\$2.35 per Quarter.

Double houses outside of the Borough—\$4.70 per Quarter.

The same regulations shall apply, and the same penalties shall be inflicted for non-payment as provided for within the Borough.

BALANCE SHEET WATER DEPARTMENT

Assets

Fixed Capital

Fixed Capital Installed ...	\$1,330,047.84	
Construction Work in Progress	2,295.34	
Total Fixed Capital ..	\$1,332,343.18	

Current Assets

Cash (Borough Treasurer's Account)	\$ 1,388.22	
Accounts Receivable from Consumers	10,744.22	
Materials and Supplies	4,589.48	
Total Current Assets ..	\$ 16,716.92	
Total Assets		\$1,349,060.10

Liabilities

Municipal Ownership

Net Worth, Water Department	\$ 935,628.87
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Funded Debt

Bonds 3% Serial Bonds ...	47,000.00
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Current Liabilities

Advance from Electric Light Department	\$ 32,203.95	
Assessments for Line Construction	8,697.51	
Total Current Liabilities	40,901.46	

Accrued Liabilities

Unmatured Interest accrued on Unfunded Debt	2,782.73
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Reserves

Reserve for Renewals and Replacements	156,687.12
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Surplus

Unappropriated Surplus ..	166,059.92	
Total Liabilities ..	<u> </u>	\$1,349,060.10

RECAPITULATION OF NET WORTH

Net Investment, December 31, 1938	\$ 930,630.93
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Additions

Contributions from U. S. Treasury	\$ 1,997.94	
Bonds Redeemed by Borough Treasurer	11,000.00	
	<u> </u>	12,997.94
		\$ 943,628.87

Deductions

Contributions to General Borough Fund	\$ 8,000.00	
	<u> </u>	\$ 935,628.87
Earned Surplus end of Year		<u>166,059.92</u>
Net Worth, December 31, 1939		\$1,101,688.79

REVENUE AND EXPENSE STATEMENT WATER DEPARTMENT

Operating Revenues

Metered Domestic Sales ...	\$ 33,621.84	
Metered Commercial Sales	6,394.73	
Metered Industrial Sales ..	11,957.78	
Metered Public Sales	2,416.63	
Sales for Private Fire Protection	72.40	
Consumers' Discounts Forfeited and Penalties Imposed	78.33	
	<u> </u>	\$ 54,541.71

Operating Expenses

Water Collection System:

Operating Labor	\$	410.44	
Supplies and Expenses ..		.28	
Maintenance		389.43	
		<hr/>	\$ 800.15

Purification System:

Operating Labor	\$	820.95	
Supplies and Expenses ..		1,163.68	
Maintenance		191.36	
		<hr/>	2,175.99

Pumping System:

Operating Labor	\$	7.35	
Supplies and Expenses ..		31.77	
Maintenance		1,642.85	
		<hr/>	1,681.97

Distribution System:

Operating Labor (General)	\$	704.31	
Operating Labor (Reservoir)		410.51	
Maintenance of Mains and Pipes		433.79	
Maintenance of Storage Reservoirs, etc.		423.03	
Maintenance Meters, Vaults, etc.		534.18	
Maintenance Other Distribution Property		676.84	
		<hr/>	3,182.66

General Expenses

Office Salaries	\$	5,219.41	
Salaries of Meter Readers		725.51	
Office Supplies and Expenses		269.59	
Other General Property Expenses		393.94	
Taxes		17.51	
Other General Expenses ..		1.50	
Insurance		167.96	
Maintenance of General Properties		355.54	
Depreciation		12,516.92	
		<hr/>	19,667.88

Total Operating Expenses		<hr/>	\$ 27,508.65
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INCOME STATEMENT

WATER DEPARTMENT

Operating Revenues \$ 54,541.71

Operating Expenses

Water Collection System ..	\$ 800.15	
Purification System	2,175.99	
Pumping System	1,681.97	
Distribution System	3,182.66	
General Operating Expenses	19,667.88	
Total Operating Expenses		
penses		27,508.65

Operating Income \$ 27,033.06

Non-Operating Revenues ..	\$ 1,923.00	
Non-Operating Expenses ..	1,636.90	
Non-Operating Income		286.10

Total Net Income .. \$ 27,319.16

Net Income Deductions

Interest Deductions	\$ 1,157.34	
Free Water to Borough ..	1,916.62	
		3,073.96

Balance of Net Income .. \$ 24,245.20

ANALYSIS OF FIXED CAPITAL

WATER DEPARTMENT

	Balance Jan. 1, 1939	Additions 1939	Balance Dec. 31, 1939
Organization	\$ 11,024.28		\$ 11,024.28
Water Collection System, Rights of Way	3,143.00		3,143.00
Water Collection System, Diversion Rights	40,400.00		40,400.00
Impounding Reservoirs	179,944.28	\$ 14,580.50	194,524.78
Water Collection System, Reservoirs and Wells ...	51,084.39		51,084.39
Water Collection System, Aqueducts and Supply Mains	407,468.29	200.00	407,668.29
Purification System, Chemical Treatment Plant	2,799.63		2,799.63
Water Testing Equipment ..	31.50		31.50
Pumping Station Structures	5,208.85		5,208.85
Pumps and Pump Equipment	12,469.80		12,469.80

Distribution System, Rights of Way	404.00		404.00
Distribution System, Transmission Mains	330.43		330.43
Distribution System, Reservoirs and Stand Pipes ..	11,994.02		11,994.02
Distribution System, Mains	389,355.19	4,795.26	394,150.45
Distribution System, Fire Hydrants	23,856.08	270.99	24,127.07
Distribution System, Fountains	11,107.75		11,107.75
Other General Structures ..	3,329.00		3,329.00
General Office Equipment ..	738.19		738.19
Other General Equipment ..	7,797.56	550.12	8,347.68
Engineering and Superintendence during Construction	33,566.50		33,566.50
Administrative and Legal Expenses during Construction	11,024.28		11,024.28
Interest during Construction	34,065.04		34,065.04
Development Cost	63,913.91		63,913.91
Siloam Property	4,595.00		4,595.00
	<u>\$1,309,650.97</u>	<u>\$ 20,396.87</u>	<u>\$1,330,047.84</u>

WATER DEPARTMENT—CREDIT ACCOUNTS 1939

Metered Water, Light Plant \$	387.06	
Metered Water, Fire Houses	94.51	
Market House, Meter Room and Police Headquarters	94.31	
Memorial Fountains	396.49	
Bubbler	5.84	
Comfort Station	258.99	
Borough Farm	22.72	
Disposal Plant	68.04	
Borough Garage	18.39	
Parks and Playgrounds ..	53.45	
East Queen and South Fourth Street Properties	12.00	
	<u> </u>	\$ 1,411.80

Free Water Per Agreement

Penn Hall Farm	\$ 133.03	
Kennedy Farm	16.82	
Childrens' Home (75%) ...	53.73	
Hospital (75%)	288.57	
Salvation Army	12.67	
	<u> </u>	\$ 504.82
		<u> </u> \$ 1,916.62

Note: This amount \$1,916.62 used in Comparative Income Statement as Free Water furnished in 1939.

Free Unmetered Water Furnished the Following in 1939

219 Fire Hydrants at \$15.00,		
plus \$ added during year	\$	3,290.00
Sewer Flush Tanks (120)		2,035.20
Flushing Storm Sewers and		
Street Work		750.00
Road Roller and Street		
Sweeper		25.00
	\$	6,100.20

Note: This amount \$6,100.20 does not appear in any other statement.

WATER LIENS

Balance to be collected Jan-			
uary 1, 1939	\$	1,794.33	
Interest Accrued		21.00	
Costs and Penalty		2.00	
			\$ 1,817.33
Collected during 1939	\$	106.08	
Interest Collected		21.00	
Costs and Penalty Collected		2.00	
Balance to be collected Jan-			
uary, 1940		1,688.25	
	\$		1,817.33

WATER ASSESSMENTS

Balance to be collected Jan-			
uary 1, 1939	\$	413.57	
Assessments made in 1939		1,518.63	
Interest Collected during			
1939		5.80	
			\$ 1,938.00
Collected during 1939	\$	1,932.20	
Interest Collected		5.80	
	\$		1,938.00

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,

Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG ELECTRIC LIGHT DEPARTMENT

On August 29, 1874, the following named persons applied for a Charter to furnish electric current for lighting in the Borough of Chambersburg, under the name of "The Franklin Electric Company":

James McKnight and Agent
B. Frank Gilmore
William McKnight
J. Spoonhour
William Nixon
William Sellers
M. A. Foltz
C. H. Fulwiler

B. M. Nead
Van T. Haulman
Samuel L. Hawbaker
W. Lynn Ritchey
George A. Britsch
D. Alonza Orr
William Orr
John Hart

John A. Orr

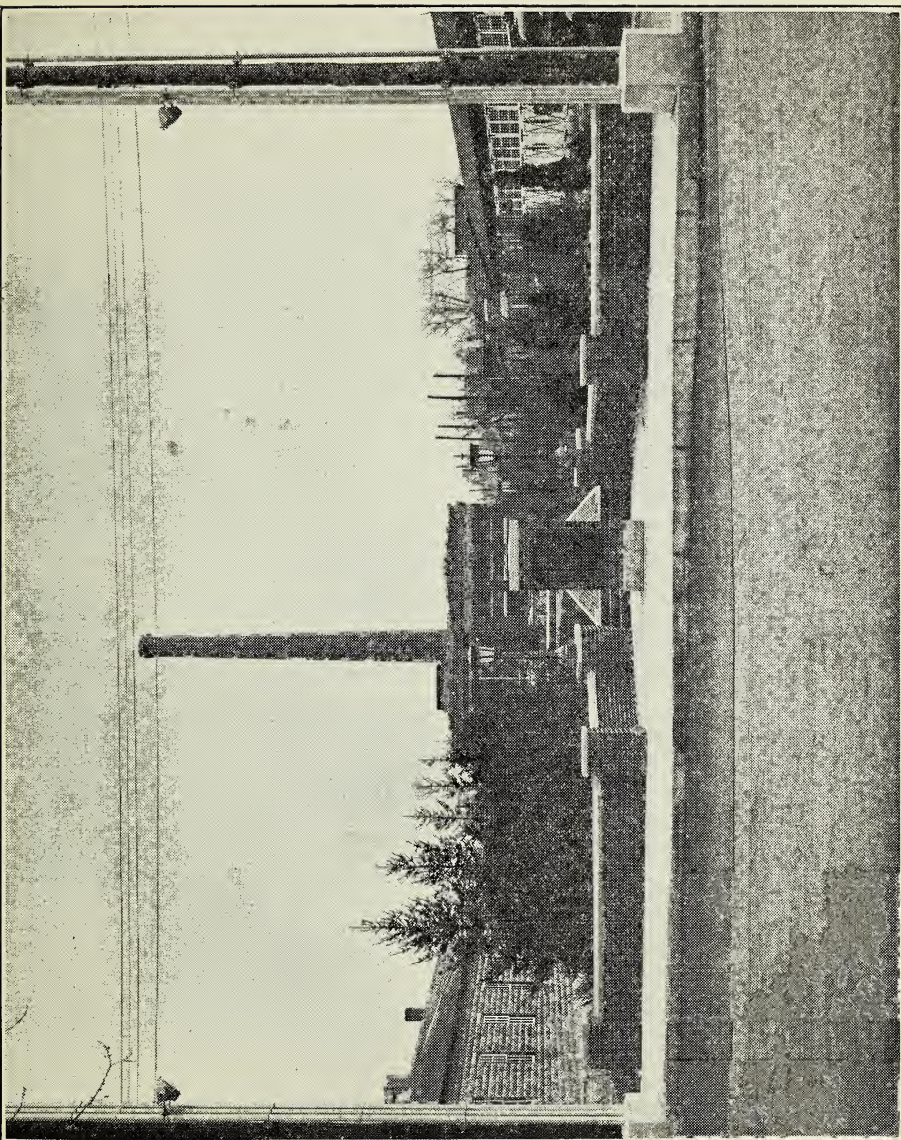
The stock in this Company was stated at \$25.00 a share, but just how much stock was issued is not a matter of record.

There is some doubt as to the year this company started to furnish current in Chambersburg, but that it was in business in Chambersburg has been established beyond question. How extensive their business was at that time it is now impossible to state.

The plant consisted of a belt driven generator using a steam traction engine as power, and the equipment was located in the old brick and weatherboard building known as the "Ebersole Building", which stood immediately on the West bank of the Conococheague Creek on the South side of Lincoln Way West, and which has just recently been demolished by the Western Maryland Railway Company. This was the first electric plant that was ever operated in Chambersburg, and certainly could not have stayed in business very long. Some of the citizens of Chambersburg remember distinctly seeing these electric lamps suspended above the streets, and at that time were impressed with the fact that they did not blow out when the wind blew.

In the year 1883 there was constructed, in the shops of the Cumberland Valley Railroad Company, a portable electric light plant which consisted of boiler, steam engine, and one arc lamp generator with a capacity of fifteen 2,000 candle-power open arc lamps. This car operated successfully under the supervision of Charles S. Hull from the very beginning, and in 1884 lighted arc lamps around the Public Square for the Centennial, and this same year lighted the grounds for a baseball game which was played at night. This game was played in a field lying East of Third Street and South of King, just about where the Byer Brothers' Green House is located at the present time.

In 1889 this portable electric light plant was rebuilt, under the supervision of Mr. Hull, for a capacity of forty 2,000 candle-power open arc lamps. This plant was frequently used for the lighting of important construction work along the Cumberland Valley Railroad, as well as the lighting of serious wrecks. It was also used for the lighting of the Granger's Picnic Ground at Williams Grove, and many of us recall the lighting of the Mt. Alto Park Grounds. Mr. Hull was a mechanical genius, and one of the beautiful things he created, with this car and an arc lamp, was a fountain which sprayed steam of different colors up above the car roof. Mr. Charles S. Hull will be remembered as a kindly old gentleman, and one of the first to take up seriously the possibility of electric lighting in this section.



MUNICIPAL ELECTRIC LIGHT PLANT—1939

On November 29, 1889, after a vote had been taken by the citizens of Chambersburg to increase the indebtedness of the Borough by an amount not exceeding \$10,000.00 for the purpose of installing an Electric Light Plant to light the streets of the Borough, a contract was placed for the necessary electrical equipment with the Thompson-Houston Electric Light Company at a price of \$9,797.50. This plant was installed solely for furnishing lighting for the streets of the town. The plant was operated from dark in the evenings until twelve o'clock midnight, except on moonlight nights when it was not operated at all.

In 1893, the Borough went into the commercial phase of furnishing current to consumers. It was a far step from this first plant to the present up-to-date efficient plant, and the citizens of Chambersburg are certainly to be congratulated on having had sufficient intelligence to keep this valuable utility for their very own.

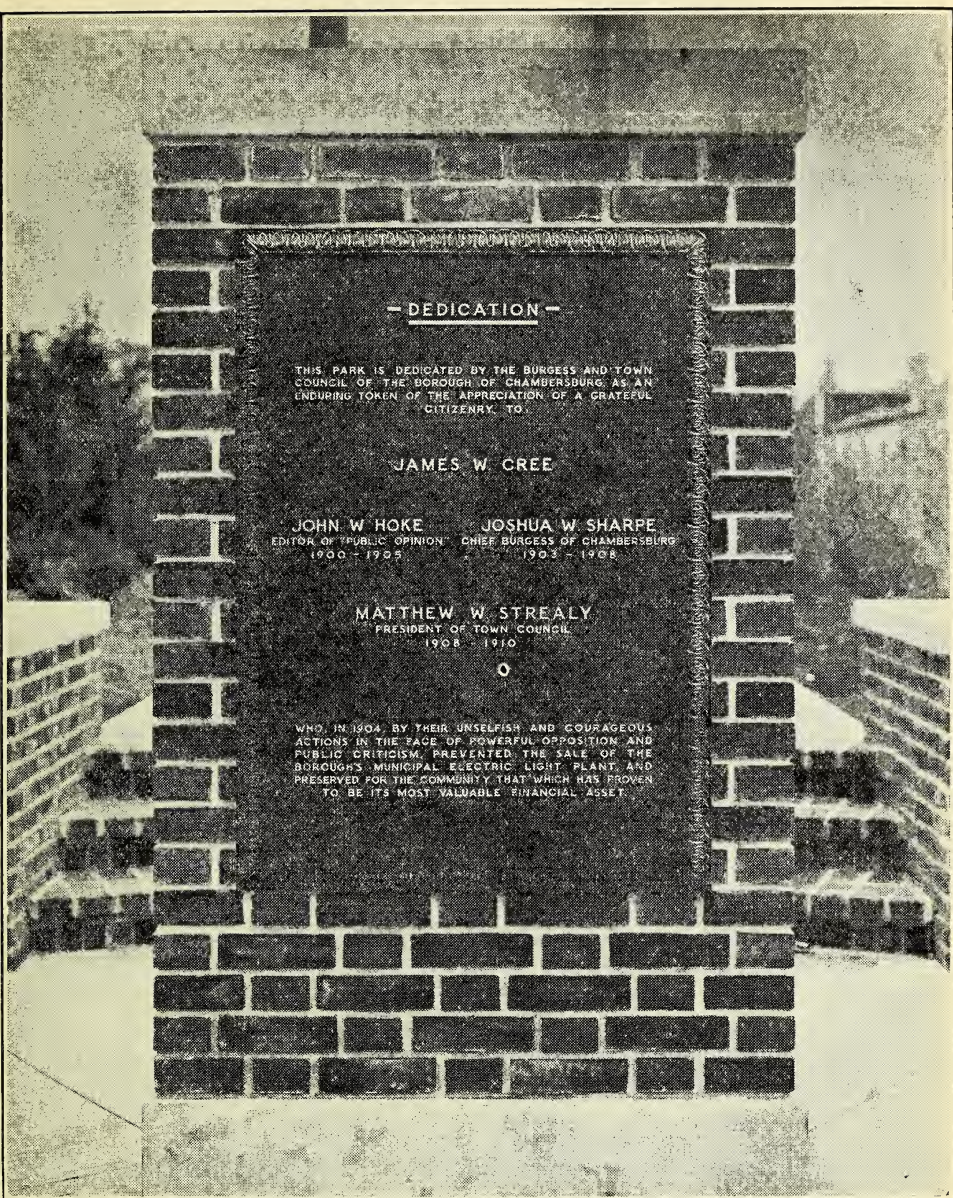
AVAILABLE FOR DISTRIBUTION

1929—	6,460,592	kilowatt-hours.
1930—	6,420,232	kilowatt-hours.
1931—	6,206,845	kilowatt-hours.
1932—	5,876,722	kilowatt-hours.
1933—	6,285,080	kilowatt-hours.
1934—	7,253,250	kilowatt-hours.
1935—	7,926,377	kilowatt-hours.
1936—	9,439,105	kilowatt-hours.
1937—	10,472,343	kilowatt-hours.
1938—	10,191,690	kilowatt-hours.
1939—	11,590,400	kilowatt-hours.

The major activity in this Department during 1939 involved the demolition of the old dilapidated frame dwelling houses on the North side of Electric Light Avenue, between Harrison Avenue and North Second Street, the installation of high tension underground cables from the Plant to terminal poles on North Second Street, the grading and planting of this land area to shrubbery, the installation of a beautiful electric fountain, and the erection of a suitable marker dedicating this Park to J. W. Cree, John W. Hoke, Joshua W. Sharpe, and Matthew W. Strealy, citizens of Chambersburg who saved the Plant for the town when it was just about to be sold to some private interests. Much thought was given to a name for this Park, and finally, by Resolution of The Burgess and Town Council of the Borough of Chambersburg, it was named "The Park of the Valiant". The name for this Park was suggested by Miss Cora McKeehan of Lincoln Way East, Chambersburg, Penna., a lady who has never lost interest in those things which make of Chambersburg a better place in which to live.

"The Park of the Valiant" makes a beautiful entrance to the Electric Light Plant, and no doubt will add much to the comfort and enjoyment of the citizens of Chambersburg during the warmer months of the year in which the electric fountain is operated.

During the year 1939, the peak loads on the Electric Light Plant reached 3,100 kilowatts, which involved the operation of one of the 2,500 K. W. Units, and one of the 1,000 K. W. Units. The total output in kilowatt-hours for the Plant during the year was 12,208,200 kilowatt-



— DEDICATION —

THIS PARK IS DEDICATED BY THE BURGESS AND TOWN COUNCIL OF THE BOROUGH OF CHAMBERSBURG AS AN ENDURING TOKEN OF THE APPRECIATION OF A GRATEFUL CITIZENRY TO

JAMES W CREE

JOHN W HOKE JOSHUA W SHARPE
EDITOR OF "PUBLIC OPINION" CHIEF BURGESS OF CHAMBERSBURG
1900 - 1905 1903 - 1908

MATTHEW W STREALLY
PRESIDENT OF TOWN COUNCIL
1908 - 1910

O

WHO, IN 1904, BY THEIR UNSELFISH AND COURAGEOUS ACTIONS IN THE FACE OF POWERFUL OPPOSITION AND PUBLIC CRITICISM, PREVENTED THE SALE OF THE BOROUGH'S MUNICIPAL ELECTRIC LIGHT PLANT AND PRESERVED FOR THE COMMUNITY THAT WHICH HAS PROVEN TO BE ITS MOST VALUABLE FINANCIAL ASSET.

BRONZE TABLET AT ELECTRIC LIGHT PLANT

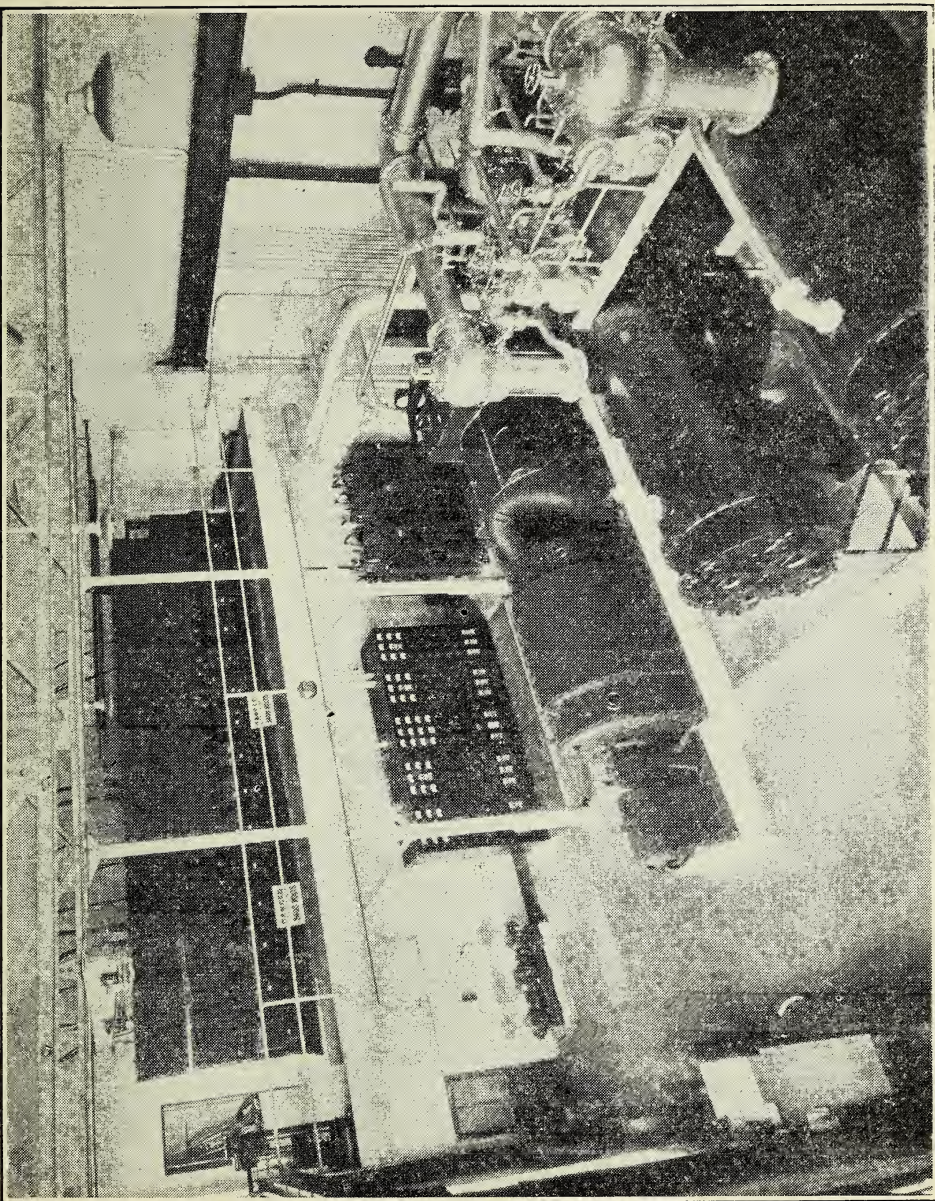
hours, or approximately 20% increase in output over 1938. This is a tremendous increase for one year, and shows a very healthy condition for the Community, as a whole, from both an industrial and commercial standpoint.

The total cash and credits in this Department for 1939 were \$332,743.06, and the total operating and non-operating expenses were \$117,775.79, including \$30,531.32 for depreciation, leaving a total gross profit of \$214,967.27.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this Department, which involved the making of an appraisal. The Reproduction Value New, less Accrued Depreciation, as of December 31, 1939, was \$685,720.82.

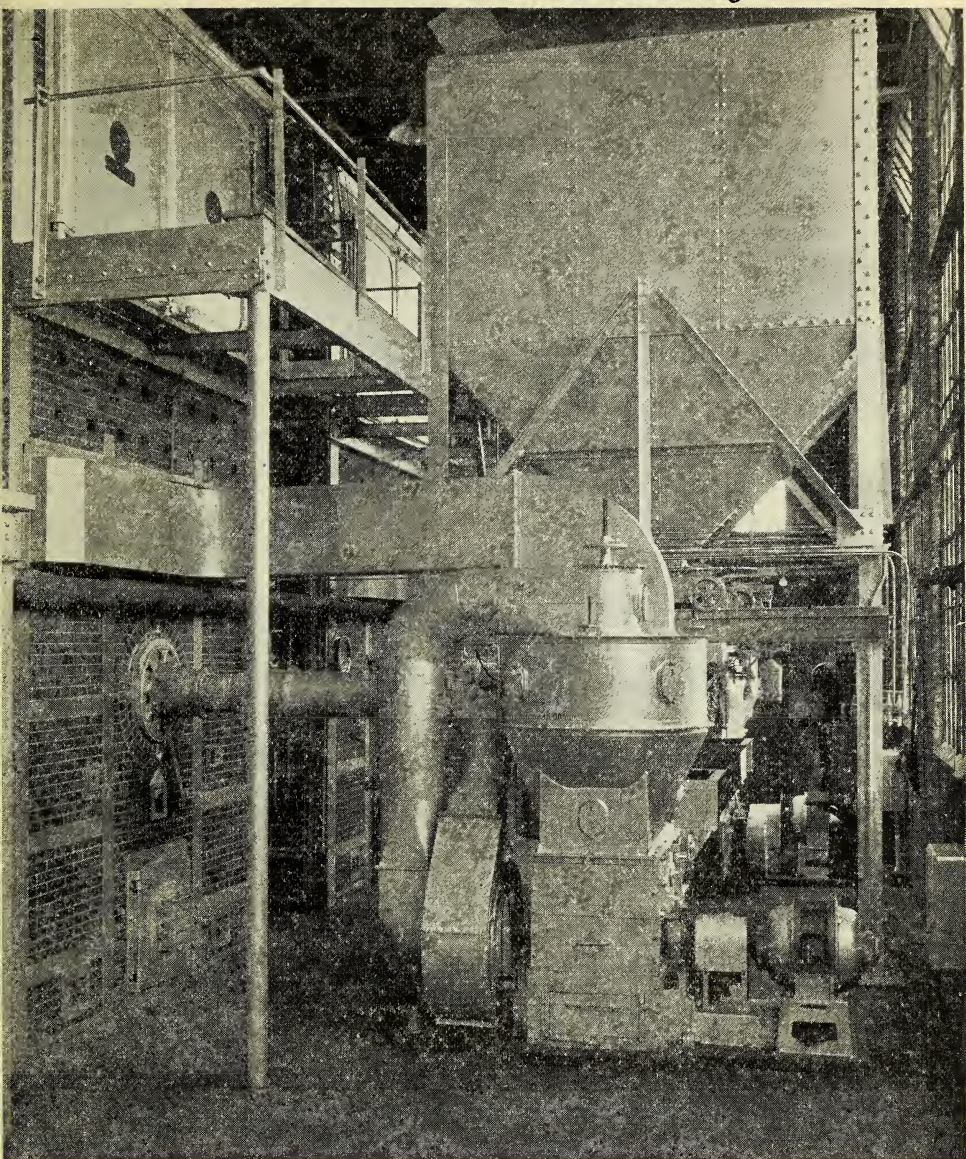
PHYSICAL DATA ON BOROUGH OF CHAMBERSBURG—ELECTRIC LIGHT DEPARTMENT—1939

Population of Chambersburg—1939	14,000
Number of Light and Power Consumers	4,982
K. W. Hrs. Generated	12,208,200
K. W. Hrs. Used by Station Auxiliaries	617,800
K. W. Hrs. Available for Distribution	11,590,400
K. W. Hrs. Increase over 1938	1,398,710
K. W. Hrs. Furnished to Street Arc Lamps	243,900
K. W. Hrs. Furnished to Street Incandescent Lamps	330,545
K. W. Hrs. Furnished to Disposal Plant	79,230
K. W. Hrs. Furnished to Office Building	9,936
K. W. Hrs. Furnished to Fire Department	19,746
K. W. Hrs. Furnished to Street Department	3,243
K. W. Hrs. Furnished to Police Headquarters	4,903
K. W. Hrs. Furnished to Public Comfort Station	6,761
K. W. Hrs. Furnished to Christmas Decorations	1,251
K. W. Hrs. Furnished to Traffic Signals	14,463
K. W. Hrs. Furnished to Friendship Christmas Lighting .	733
K. W. Hrs. Furnished to Buchanan Block Party	84
K. W. Hrs. Furnished to Junior Christmas Lighting	80
K. W. Hrs. Furnished to Good Will Christmas Lighting ..	674
K. W. Hrs. Furnished to Good Will Block Party	473
K. W. Hrs. Furnished to Franklin Block Party	207
K. W. Hrs. Furnished to Franklin Christmas Lighting ...	941
K. W. Hrs. Furnished to C. V. Christmas Lighting	258
K. W. Hrs. Furnished to C. V. Block Party	263
K. W. Hrs. Furnished to West End Playground Block Party	105
K. W. Hrs. Furnished to Stevens Playground Festival	16
K. W. Hrs. Furnished to Henninger Field	635
K. W. Hrs. Furnished to Community Band Concerts	15
K. W. Hrs. Furnished to Light Plant—Fire Alarm Battery	515
K. W. Hrs. Furnished to Light Plant—Storage Shed	55
K. W. Hrs. Furnished to Colored Playground	12
K. W. Hrs. Furnished to White Way—Flood Lights on Square	11,743
K. W. Hrs. Furnished to "The Park of the Valiant"	16



NEW 2500 K. W. TURBO-GENERATOR. NEW SWITCH GEAR, NEW CONTROLBOARD,
AND CARRIER CURRENT EQUIPMENT. INSTALLED 1938.

K. W. Hrs. Furnished to Residential Light Consumers ...	2,479,157
K. W. Hrs. Furnished to Commercial Light Consumers ...	2,186,861
K. W. Hrs. Furnished to Power Consumers	5,061,928
Total K. W. Hrs. Sold to all Consumers	9,727,946
K. W. Hrs. Furnished Free	730,803
Total K. W. Hrs. Sold or Furnished Free	10,458,749
Total K. W. Hrs. Lost in Distribution	1,131,651
Percent Lost in Distribution	9.7%
Total Number of Active Residential Light Consumers — January 1, 1940	3,894
Total Number of Active Commercial Light Consumers — January 1, 1940	842
Total Number of Active Power Consumers — January 1, 1940	246
Total Number of all Active Consumers	4,982
Amount Paid by Residential Light Consumers	\$ 108,364.49
Amount Paid by Commercial Light Consumers	\$ 89,347.63
Amount Paid by Power Consumers	\$ 88,081.34
Total Paid by all Consumers	\$ 285,793.46
Amount Received from Sale of Lamps, Miscellaneous	\$ 3,245.06
Amount Received from Jobbing Work	\$ 434.78
Amount Received from Penalties Imposed	\$ 67.41
Amount Received from Interest on Consumers' Deposits ..	\$ 381.30
Amount Received from Material Returned	\$ 655.72
Amount Received from Sale of Scrap	\$ 1,036.96
Amount Received from Assessments — Coldbrook Avenue Ornamental Lighting	\$ 354.67
Amount Received from Payment of Temporary Loan by Water Department	\$ 2,521.85
Total Cash Received from all Sources	\$ 294,491.21
Credit for Light, Power, Supplies Furnished Other Depart- ments Free	\$ 38,251.85
Total Cash Received from all Sources and Credit	\$ 332,743.06
Increase in Receipts from Residential Light over 1938 ...	\$ 3,526.11
Increase in Receipts from Commercial Light over 1938 ...	\$ 11,115.60
Decrease in Receipts from Power over 1938	\$ 64.76
Increase in K. W. Hrs. Furnished for Light over 1938 ...	560,003
Increase in K. W. Hrs. Furnished for Power over 1938 ...	319,901
K. W. Hrs. Sold per Consumer per Year — Residential Light	636
K. W. Hrs. Sold per Consumer per Year — Commercial Light	2,597
K. W. Hrs. Sold per Consumer per Year — Power	20,576
K. W. Hrs. Sold per Capita per Year—Residential Light	177



BOILER ROOM, MUNICIPAL ELECTRIC LIGHT PLANT—1939

K. W. Hrs. Sold per Capita per Year—Commercial Light	156
K. W. Hrs. Sold per Capita per Year—Power	361
Received per Consumer per Year—Residential Light	\$ 27.83
Received per Consumer per Year—Commercial Light	\$ 106.11
Received per Consumer per Year—Power	\$ 358.05
Received per Capita per Year—Residential Light	\$ 7.74
Received per Capita per Year—Commercial Light	\$ 6.38
Received per Capita per Year—Power	\$ 6.29
Average Price Paid per K. W. H. including Minimum Charge	
—Residential Light	4.37 cents
Average Price Paid per K. W. H. including Minimum Charge	
—Commercial Light	4.08 cents
Average Price Paid per K. W. H. including Minimum Charge	
—Power	1.74 cents
Total Amount of Bills Rendered Net	\$ 294,501.69
Total Amount of Bills Collected Net	\$ 294,491.21
Loss in Bad Accounts	\$ 10.48
Percentage Lost in Bad Accounts .....	.00355%

RATES FOR ELECTRIC CURRENT

Residential Lighting

		Rate per K. W. H.
First	40 K. W. Hrs. used per Month	\$0.06
Next	60 K. W. Hrs. used per Month	0.045
Next	100 K. W. Hrs. used per Month	0.035
All over	200 K. W. Hrs. used per Month	0.025

Residential Lighting Where Ranges or Refrigerators Are in Service

		Rate per K. W. H.
First	30 K. W. Hrs. used per Month	\$0.06
Next	60 K. W. Hrs. used per Month	0.04
Next	100 K. W. Hrs. used per Month	0.03
All over	190 K. W. Hrs. used per Month	0.02

Commercial Lighting

		Rate per K. W. H.
First	75 K. W. Hrs. used per Month	\$0.065
Next	350 K. W. Hrs. used per Month	0.055
Next	1,500 K. W. Hrs. used per Month	0.035
All over	1,925 K. W. Hrs. used per Month	0.025

Minimum Charges

All of the above rates are subject to a monthly Minimum Charge of seventy-five (\$0.75) cents for each kilowatt, or fraction thereof, of connected load, with the exception, however, that in computing the capa-

city of all electric ranges, the capacity of the largest element of the range shall be used for determining the monthly Minimum Charge, but in no event will a monthly Minimum Charge on any range be less than \$2.00 per month.

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council, on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

Secondary Power

		Rate per K. W. H.
First	500 K. W. Hrs. used per Month	\$0.03
Next	1,500 K. W. Hrs. used per Month	0.02
Next	3,000 K. W. Hrs. used per Month	0.018
Next	5,000 K. W. Hrs. used per Month	0.016
All over	10,000 K. W. Hrs. used per Month	0.014

Minimum Charges

Minimum Charges on motor installations for Secondary Power purposes shall be as follows:

1st	Motor Installed	\$1.25 per H. P. Installed per Month
2nd	Motor Installed	\$1.00 per H. P. Installed per Month
3rd	Motor Installed .....	.90 per H. P. Installed per Month
4th	Motor Installed .....	.80 per H. P. Installed per Month
5th	Motor Installed .....	.70 per H. P. Installed per Month
6th	Motor Installed .....	.60 per H. P. Installed per Month
All over	six Motors Installed ..	.50 per H. P. Installed per Month

Primary Light and Power

		Rate per K. W. H.
First	10,000 K. W. Hrs. used per Month	\$0.016
Next	20,000 K. W. Hrs. used per Month	0.014
Next	40,000 K. W. Hrs. used per Month	0.012
All over	70,000 K. W. Hrs. used per Month	0.009

Discount

The above energy rates are subject to a discount of ten (10%) per cent if bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered.

Demand Charges

Demand Charges shall be determined and billed monthly, based on the highest registration during the Month of a demand meter having a 15 minute interval, and shall be as follows:

First	200 K. W. of Demand per Month	\$1.50 per K. W.
All over	200 K. W. of Demand per Month	\$1.00 per K. W.

Power Factor Clause

When the average power factor is found to be lower than eighty (80%) per cent, the monthly kilowatt Demand shall be corrected and determined as follows: Kilowatt Demand as measured, divided by average power factor of load, multiplied by allowable power factor of eighty (80%) per cent.

Primary Light and Power

Energy Rates

First Block	1.50 cents per Kilowatt Hour
Second Block	1.30 cents per Kilowatt Hour
Third Block	1.11 cents per Kilowatt Hour
Fourth Block .....	.50 cents per Kilowatt Hour

The kilowatt hours to be billed for under Blocks No. 1, No. 2, and No. 3, will be determined by multiplying the "ON STATION PEAK DEMAND" of the customer by 70.

The kilowatt hours to be billed for under Block No. 4 will be the difference between the total kilowatt hours billed for under Blocks No. 1, No. 2, and No. 3, and the total kilowatt hours consumed during the Month.

Discount

The above Energy Rates are subject to a discount of ten (10%) per cent if the bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered.

Determination of Demand

For the purpose of application of this rate, the hours of "STATION PEAK" will be from 7:00 A. M. to 6:00 P. M. on all week days except Saturdays, when it will be from 7:00 A. M. to 12:00 Noon. On Sundays and holidays, there will be no "STATION PEAK" period.

The Demand will be determined by means of a Graphic Demand Meter. The maximum monthly "Demand" to be used for "Billing Demand" will be the highest corrected 15 minute kilovolt Ampere Demand occurring across, or during, the "STATION PEAK". Demands occurring across, or during, "STATION OFF PEAK" will not be billed for.

The Demand as indicated by the Graphic Demand Meter will be subject to corrections for Power Factor as follows:

Indicated Kilowatt Demand divided by the Average Power Factor of Load, and multiplied by allowable Power Factor of eighty (80%) per cent.

Corrected Demand will be billed for as follows:
First 200 Kilovolt Amperes of Demand per Month \$1.50 per K. V. A.
All over 200 Kilovolt Amperes of Demand per Month \$1.00 per K. V. A.

Discount

The Demand Charges are not subject to discount, but if not paid on, or before, the 20th of the Month following the Month for which the bill was rendered, a ten (10%) per cent penalty shall be added.

The charges to the customer under this schedule will not be subject to rebate on account of cost of fuel delivered to the Electric Light Plant.

Minimum Charges

The monthly Minimum Charge under these rates will be \$3.00 per kilovolt ampere of Corrected Demand.

The annual Minimum Charge under these rates shall not be less than \$10.00 per kilowatt of connected load.

The service furnished under this schedule will be approximately 2,300 volt, 3 phase, 60 cycle current, and metering will be done on the primary side of the customer's transformers. The customer will furnish, mount, and maintain the necessary distribution transformers, and also furnish, install, and maintain a suitable weather-proof metal metering cabinet. The Chambersburg Electric Light Department will furnish, install, and maintain all metering devices, including instrument transformers.

This rate is available to all industrial light and power customers who have a "Corrected Demand" of 100 kilovolt amperes, or over.

Off Peak Electric Water Heating

	Rate per K. W. H.
Energy Rate per K. W. Hr. per Month	\$0.01

Minimum Charge

\$0.75 per Month per kilowatt of heater capacity, based on largest heating unit.

Discount

The above Energy Rate is subject to a discount of ten (10%) per cent if bills are paid on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

This rate applies only to a restricted service for residential and commercial water heating.

This rate is available only to residential and commercial consumers who are accessible to the distributing system of the Borough of Chambersburg Electric Light Department.

The supply of service under this schedule shall be limited to operating periods aggregating not more than twelve hours in each day, or from 9:00 P. M. to 7:00 A. M. the following morning, and from 12:00 Noon

to 2:00 P. M. This period may, at the option of the Borough, be further restricted or extended.

Service under this schedule is available only for water heaters of not more than 3,000 watts capacity, which shall be furnished, installed, and connected up by the consumer. The Borough of Chambersburg Electric Light Department will furnish a suitable device for automatically restricting the supply of current to those hours which the Borough may designate.

This service will be supplied through a separate integrating watt-hour meter and no other appliances other than the water heater shall be connected to this service. Service will be supplied at either 220 volts or 110 volts single, or three phase, at the option of the Borough of Chambersburg Electric Light Department.

Water heaters, and all devices connected therewith or appurtenant thereto, shall be so designed and constructed that they will not, under any circumstances, cause radio interference by their operation. In the event that any of the equipment does cause radio interference by reason of its operation, the Borough shall discontinue furnishing current to the installation in which the particular radio interference originates, until such time as new equipment is installed, or the old equipment corrected for radio interference. Water heaters must be controlled automatically so that, under no circumstances, shall both heating elements operate at the same time.

GENERAL REGULATIONS

Minimum Charges

Minimum Charges and Demand Charges under the different classes of service are not subject to discount, but if they are not paid on, or before, the 20th of the Month following the Month for which the service was rendered, a ten (10%) per cent penalty shall be added.

Lamps, Supplies, etc.

All bills rendered by the Borough of Chambersburg Electric Light Department, except those rendered for electric energy, are not subject to discount, but if not paid on, or before, the 20th of the Month following the Month for which the bill was rendered, a penalty of ten (10%) per cent shall be added.

Deposits

All consumers applying for, or using, any class of service in properties which they cannot establish ownership shall make a cash deposit with the City Clerk in amount equal to the estimated bills for the service to be supplied in any two consecutive Months. The Borough may at any time require that the deposit be increased to cover two Months' consumption based on the amount of the highest Month's billing. The amount of the deposit may be reduced, upon request of the consumer, to an amount sufficient to cover the maximum amount of the billing for any two consecutive Months during the preceding year.

There are at the present time thirty electric water heaters in service in Chambersburg, which are working out entirely satisfactory. The refrigerator load has developed very rapidly during 1939, there being at the present time 1,674 domestic refrigerators in service. The electric range work is progressing in a very satisfactory manner, there being at the present time 174 electric ranges in service.

BALANCE SHEET
ELECTRIC LIGHT DEPARTMENT

Assets

Fixed Capital

Fixed Capital Installed	\$ 998,596.71	
	\$ 998,596.71	

Funds and Special Deposits

Sinking Fund Assets	\$ 55,380.49	
Consumers' Deposits	23,727.92	
	79,108.41	

Current Assets

Cash (Borough Treasurer's Account)	\$ 20,356.01	
Accounts Receivable from Consumers	45,724.14	
Other Accounts Receivable, Water Department	32,203.95	
Materials and Supplies	11,817.89	
	110,101.99	

Prepayments and Accrued Assets

Unmatured Interest and Rents Receivable on Water Department Advances . .	\$ 2,782.73	2,782.73	
Total Assets			\$1,190,589.84

Liabilities

Net Worth Electric Light Department including Earned Surplus December 31, 1939	\$ 856,084.52	\$ 856,084.52
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Current Liabilities

Consumers' Deposits	\$ 21,629.43	21,629.43
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Reserves

Reserve for Renewals and Replacements	\$ 312,875.89	312,875.89	
Total Liabilities			\$1,190,589.84

RECAPITULATION NET WORTH, INCLUDING SURPLUS

Balance beginning of year			
January 1, 1939	\$	815,959.03	
Additions			
Free Water from Water Department	\$	394.28	
Net Income 1939		216,898.39	
Contributions (Residents of Coldbrook Avenue)		354.67	
		<hr/>	\$1,033,606.37
Deductions			
Contributions to General Borough Fund	\$	140,000.00	
Free Electricity to Borough		37,521.85	
		<hr/>	177,521.85
Net Worth, December 31, 1939			<hr/> \$ 856,084.52

OPERATING REVENUE AND EXPENSE STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues

Metered Sales for Domestic Lighting	\$	120,382.01	
Metered Sales for Other Private Lighting		98,090.76	
Metered Sales for Domestic Power		95,900.77	
Metered Sales to Other Electric Utilities		6,275.24	
Metered Sales for Other Municipal Lighting		3,692.11	
Metered Sales for Municipal Power		1,581.92	
Unmetered Sales for Municipal Street Lighting ..		32,247.82	
Consumers' Discounts Forfeited and Penalties Imposed		67.41	
		<hr/>	\$ 358,238.04
Discounts and Allowances to Consumers		30,725.99	
Total Operating Revenues ..		<hr/>	\$ 327,512.05

Operating Expenses

Generating System Expenses

Operating Labor	\$	18,841.71
Fuel		40,256.82
Water		394.28

Lubricants	119.98	
Boiler Plant Supplies and Expenses	223.20	
Other Supplies and Expenses	179.00	
Maintenance of Generating System Structures	879.29	
Maintenance of Steam Power Equipment	1,751.57	
Maintenance of Electric Equipment	2,003.93	
Maintenance of Other Generating System Equipment	10.66	
Total Generating System Expenses		\$ 64,660.44

Distribution System Expenses

Operating Labor	\$ 1,156.55	
Supplies and Expenses Overhead and Underground System	361.83	
Other Supplies and Expenses	7.00	
Maintenance of Structures	18.77	
Maintenance of Overhead Equipment	3,191.85	
Maintenance of Service	58.21	
Maintenance of Transformers	187.74	
Maintenance of Meters	1,875.71	
Total Distribution System Expenses		\$ 6,857.66

Utilization System Expenses

Operating Labor	\$ 465.03	
Municipal Street Arc, and Incandescent System Supplies and Expenses	744.86	
Maintenance of Municipal Street Arc and Incandescent System	842.74	
Total Utilization System Expenses		\$ 2,052.63

General Expenses

General Administrative Salaries	\$ 6,858.37	
Salaries of Meter Readers	1,130.04	
General Administrative Supplies	304.04	
General Officers' and Clerks' Expenses	6.23	
Other General Administrative Expenses	237.78	
Garage Supplies and Expenses	248.22	

Shop and Laboratory Supplies and Expenses	8.23		
Insurance	770.58		
Maintenance of General Equipment	238.84		
Depreciation	30,531.32		
Total General Expenses ..		\$ 40,333.65	
Total Operating Expenses ..			\$ 113,904.38

CONDENSED INCOME PROFIT AND LOSS STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues		\$ 327,512.05	
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Operating Expenses

Generating System Operating Expenses	\$ 64,660.44		
Distribution System Operating Expenses	6,857.66		
Utilization System Operating Expenses	2,052.63		
General Administrative Expenses	8,536.46		
Other General Expenses ..	31,797.19		
Total Operating Expenses ..		\$ 113,904.38	113,904.38
Operating Income			\$ 213,607.67
Non-Operating Revenues Includes Interest Revenues)	\$ 7,546.19		
Non-Operating Expenses ..	3,871.41		
Non-Operating Income ...			3,674.78
Gross Income			\$ 217,282.45

Gross Income Deductions

Interest		\$ 384.06	
Net Income			\$ 216,898.39

Net Income Deductions

Free Electricity Furnished Borough		\$ 37,521.85	
Balance of Net Income ...			\$ 179,376.54

ELECTRIC LIGHT DEPARTMENT
ANALYSIS OF FIXED CAPITAL

Account	Balance Jan. 1, 1939	Additions and Retirements	Balance Dec. 31, 1939
Organization	\$ 7,605.25		\$ 7,605.25
Generating System, Land ..	8,062.21	\$ 13,828.34	21,890.55
Generating System, Power Plant Structures	45,283.31	122.17	45,405.48
Generating System, Railroad Sidings, etc.	6,067.16		6,067.16
Generating System, Boiler Plant Equipment	119,286.48	4,863.42	124,149.90
Generating System, Turbo- Generators	196,320.53	104,213.97	300,534.50
Generating System, Other Electric Equipment	16,881.81	63,349.22	80,231.03
Generating System, Coal Storage and Weighing Equipment	16,645.42		16,645.42
Generating System, Other Power Plant Equipment ..	3,146.97		3,146.97
Transmission System, Over- head Conductors	44.88		44.88
Distribution System, Poles and Fixtures	37,454.42	182.08	37,636.50
Distribution System, Over- head Conductors	44,282.64	545.83	44,828.47
Distribution System, Trans- formers	37,522.08	1,845.18	39,367.26
Distribution System, Over- head Transformer In- stallation	6,115.13	65.48	6,180.61
Distribution System, Over- head Services	19,942.55	242.33	20,184.88
Distribution System, Under- ground Conduits	1,183.69		1,183.69
Distribution System, Under- ground Conductors	2,226.21	11,555.81	13,782.02
Distribution System, Under- ground Transformers ...	605.25		605.25
Distribution System, Under- ground Transformer In- stallation	82.93		82.93
Distribution System, Under- ground Services .....	.44	7.37	7.81
Distribution System, Meters	44,335.65	1,295.65	45,631.30
Distribution System, Meter Installations	6,407.53	521.24	6,928.77
Utilization System, Com- mercial Arc System	2.16		2.16
Utilization System, Munici- pal Street Arc System ..	18,535.38		18,535.38

Utilization System, Municipal Street Incandescent System	43,982.72	3,856.23	47,838.95
Other General Land	600.00		600.00
Other General Structures ..	2,590.00		2,590.00
General Office Equipment ..	1,104.39		1,104.39
General Store Equipment ..	184.22		184.22
General Shop Equipment ..	59.40	218.00	277.40
General Garage Equipment ..	3,285.83		3,285.83
General Laboratory Equipment	1,160.18		1,160.18
General Tools and Equipment	572.19		572.19
Engineering and Superintendence during Construction	24,025.55		24,025.55
Administrative and Legal Expenses during Construction	7,605.25		7,605.25
Interest during Construction	23,555.35		23,555.35
Development Cost	45,119.23		45,119.23
	<u>\$ 791,884.39</u>	<u>\$ 206,712.32</u>	<u>\$ 998,596.71</u>

ELECTRIC LIGHT DEPARTMENT—SINKING FUND

Balance in Sinking Fund (Four Banks) January 1, 1939	\$ 69,830.55	
Transfer from Electric Light Department	37,800.00	
Transfer from Water Department	12,507.46	
Transfer from P. W. A. Construction Fund Account ..	7,940.39	
Interest Received (Four Banks)	1,001.50	
	<u></u>	\$ 129,079.90
Paid National Bank (Electric Light Construction Fund Loan)	\$ 20,030.37	
Paid Valley National Bank (Electric Light Construction Fund Loan)	20,151.93	
Paid Farmers & Merchants Trust Company (Electric Light Construction Fund Loan)	20,124.14	
Paid Chambersburg Trust Company (Electric Light Construction Fund Loan)	4,800.00	
Transfer to Electric Light Construction Fund	8,592.97	
Balance in Hand of Treasurer January 1, 1940	55,380.49	
	<u></u>	\$ 129,079.90

FREE LIGHTING AND POWER USED IN BOROUGH DURING 1939

Light

Public Comfort Station ...	\$	312.81	
Traffic Signals		766.74	
Friendship Fire Company		231.33	
Junior Fire Company		210.03	
Good Will Fire Company ..		292.83	
Franklin Fire Company ..		182.70	
Cumberland Valley Fire Company		70.68	
Municipal Garage		81.30	
Light Plant Storage Shed .		9.00	
Light Plant, Fire Alarm Battery		30.12	
The Park of the Valiant ..		1.98	
City Hall		490.79	
City Hall Water Heater .		21.13	
Police Headquarters and Police Booth on Square .		251.32	
Henninger Field		18.90	
Street Lighting on Square		643.08	
Disposal Plant		77.37	
	\$		3,692.11

Power

Franklin Fire Company ..	\$	60.60	
Municipal Garage		70.02	
Disposal Plant		1,451.30	
			1,581.92
Arc Lighting of Streets ...	\$	7,125.35	
Incandescent Lighting of Streets		25,122.47	
			32,247.82
Total			\$ 37,521.85
In Addition, Credit Account Labor at Plant—Fire Alarm Batteries, 365 @ \$2.00	\$	730.00	

ELECTRIC LIGHT LIENS

Balance to be collected January 1, 1939	\$	10.84	
Liens entered		15.54	
			\$ 26.38
Balance to be collected January 1, 1940			\$ 26.38

ORNAMENTAL STREET LIGHTING ASSESSMENTS

Assessments made in 1939	\$	496.65		
Interest Accrued . . . . .		.77		
		<hr/>	\$	497.42
Collected During 1939	\$	353.90		
Interest Collected . . . . .		.77		
Balance to be collected Jan- uary 1, 1940		142.75		
		<hr/>	\$	497.42

STATEMENT OF ASSETS AND LIABILITIES OF THE BOROUGH OF CHAMBERSBURG AS OF JANUARY 1, 1940

Assets

Cash in Treasurer's Hands, General Borough	\$	3,992.78		
Cash in Treasurer's Hands, Water Depart- ment		1,383.22		
Cash in Treasurer's Hands, Light Depart- ment		20,356.01		
Cash in Treasurer's Hands, Light Depart- ment Sinking Fund		55,380.49		
Cash in Treasurer's Hands, Disposal Plant P. W. A. Construction Fund		12,107.92		
Cash in Treasurer's Hands, Bond Depart- ment		14,178.39		
Cash in Treasurer's Hands, Bond Depart- ment Sinking Fund		4,223.72		
Cash in Treasurer's Hands, Borough Fire Fund		38,947.74		
Cash in Collector's Hands, Electric Light Consumers' Deposit Account		23,727.92		
		<hr/>	\$	174,298.19

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	
Tax Duplicate, 1928-1929			\$	202.62
Tax Duplicate, 1939-1940	\$ 940.63	\$ 3,410.49		
	<hr/>	<hr/>		
	\$ 940.63	\$ 3,410.49	\$	202.62
			\$	4,553.74
Investments, Borough Fire Fund			\$	5,000.00
Unpaid Taxes Accepted for Liens			\$	1,598.16
Unpaid Tax Liens				6,801.66
Unpaid Paving Liens				2,350.23
Unpaid Sewer Assessments				15,690.33
Unpaid Sewer Liens				3,436.54
Unpaid Water Liens				1,688.25
Unpaid Electric Current Liens				26.38
Unpaid Ornamental Street Lighting Assessment				142.75
			<hr/>	\$ 31,734.30

Water Department, Current Assets, Less Cash in Treasurer's Account	15,333.70	
Light Department, Current Assets, Less Cash in Treasurer's Account	57,542.03	
Value of Water Distributing System	1,173,360.72	
Value of Light Plant and Distribution System	685,720.82	
Value of Disposal Plant and Main Trunk System	\$ 148,135.00	
Equipment Abandoned by Recent Improve- ment	—41,200.00	
	<hr/>	
	\$ 106,935.00	
Improvements Made During 1939	217,715.00	
	<hr/>	
		324,650.00
Value of Lateral Sewers		253,350.00
Value of Fire Houses and Apparatus		157,100.00
Value of Office Building, Market House ..		55,856.00
Value of Police Headquarters		10,000.00
Value of Henninger Field		16,500.00
Value of Street Department, Storage House and Equipment		24,795.00
Value of Fourth Street Properties		3,000.00
Value of Third Street Property		1,000.00
Value of Loudon Street Property		3,000.00
Value of Public Comfort Station		5,500.00
		<hr/>
		\$3,002,294.50

Liabilities

4½ % Improvement Bonds of 1912, Issued August 31, 1912, Due September 1, 1942, Total Issued	\$ 50,000.00	
Bonds Redeemed and Can- celled 1932	\$ 5,000.00	
Bonds Redeemed and Can- celled 1933	6,500.00	
Bonds Redeemed and Can- celled 1934	5,000.00	
Bonds Redeemed and Can- celled 1935	5,000.00	
Bonds Redeemed and Can- celled 1936	5,000.00	
Bonds Redeemed and Can- celled 1937	5,000.00	
Bonds Redeemed and Can- celled 1938	5,000.00	
Bonds Redeemed and Can- celled 1939	5,000.00	
	<hr/>	
	\$ 41,500.00	
Balance Outstanding		\$ 8,500.00
3% Improvement and Re- funding Bonds Issued De- cember 1, 1935	\$ 150,000.00	

Bonds Redeemed and Cancelled 1936	\$ 7,000.00	
Bonds Redeemed and Cancelled 1937	14,000.00	
Bonds Redeemed and Cancelled 1938	11,000.00	
Bonds Redeemed and Cancelled 1939	11,000.00	
	<hr/>	
	\$ 43,000.00	
Balance Outstanding		\$ 107,000.00
2% Improvement Bonds Issued September 1, 1938	\$ 145,000.00	
Balance Outstanding		\$ 145,000.00

The above balances are the present actual indebtedness of the Burgess and Town Council of the Borough of Chambersburg created without the authority of the vote of electors thereof.

Electric Light Consumers' Deposit Account	\$ 23,727.92
Assets in Excess of Liabilities	2,718,066.58
	<hr/>
	\$3,002,294.50

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,

Auditors.

COMPARISON OF TAX LEVY, BONDED DEBT, ETC., FOR YEAR 1939

Borough	Popula- tion	Assessed Valuation	Tax Rate (Mills)	Taxes Levied for Borough and Bond Purposes	Taxes Paid Per Capita	Bonded Debt (Less Sink- ing Fund)	Net Debt Per Capita
Berwick	12,600	\$ 7,774,430	11	\$ 85,518.75	\$ 6.78	\$143,823.06	\$11.41
Cannonsburg	13,000	6,648,065	17	113,017.00	8.69	198,000.00	15.23
Carnegie	12,500	10,146,997	14	142,057.95	11.36	107,821.79	8.62
Donora	15,000	11,219,850	13	145,858.05	9.72	304,222.96	20.28
*Dormont	13,190	17,152,535	10	171,525.00	13.00	722,872.00	54.80
Lewistown	14,000	7,122,755	10	71,227.55	5.08	164,647.05	11.76
*Munhall	12,995	20,102,850	11	221,131.00	17.01	785,000.00	60.40
*Steelton	13,000	8,117,615	12	97,411.38	7.50	209,000.00	16.07
Warren	15,000	11,442,602	16	183,081.63	12.20	151,003.29	10.06
Carlisle	12,596	11,559,766	8	92,478.13	7.34	546,818.00	42.61
*Shippensburg	4,345	2,748,060	8.5	23,359.00	6.37	170,308.00	39.19
Waynesboro	10,300	6,060,668	13	78,846.13	7.65	125,540.00	12.19
Chambersburg	14,000	8,246,986	4	32,987.94	2.35	256,276.28	18.30

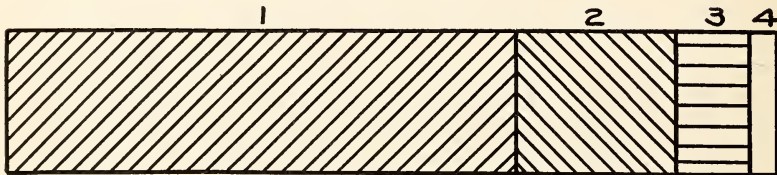
The information for the above Tabulation was obtained from the individual Boroughs themselves, and is for the year 1939, except where noted (*), which figures are for year 1938. It shows the rather enviable position your Borough occupies, as compared with other Boroughs of approximately the same size distributed over the entire State.

GOVERNMENTAL TAXES PAID BY CITIZENS OF CHAMBERSBURG

Stated in Mills

For Public School Purpose	21 Mills
For State and County Purpose	6 Mills
For Borough Bond Purpose	3 Mills
For General Borough Purpose	1 Mill

WHERE A TAX DOLLAR GOES TO



(1) Public Schools Receive	67.75 cents out of each tax dollar
(2) State and County Receives	19.35 cents out of each tax dollar
(3) Borough Bond Purpose Receives .	9.68 cents out of each tax dollar
(4) General Borough Purpose Receives	3.22 cents out of each tax dollar
Borough Purposes—Taxes 1 Mill Levied, 1939	\$8,246.98
Borough Purposes—Taxes Levied 1939 per Capita .	\$8,246.98
	<u>14,000</u> = .589

VALUE OF SERVICES RECEIVED FOR \$1.00 OF BOROUGH TAXES LEVIED 1939

	Costs	Taxes Levied for Borough Purposes
Borough Administration ...	\$ 41,034.20	divided by \$8,246.98=\$ 4.975
Police Services	\$ 33,325.14	divided by \$8,246.98=\$ 4.04
Public Health Services	\$ 2,204.05	divided by \$8,246.98=\$.267
Fire Protection Services ..	\$ 25,891.36	divided by \$8,246.98=\$ 3.139
Street Department Services	\$ 63,865.75	divided by \$8,246.98=\$ 7.744
Street Lighting, Miscellaneous Services	\$ 32,939.48	divided by \$8,246.98=\$ 3.994
Sanitary Sewerage Services	\$ 24,904.28	divided by \$8,246.98=\$ 3.019
Comfort Station Services ..	\$ 1,233.41	divided by \$8,246.98=\$.149
Parks and Playground Services	\$ 6,267.31	divided by \$8,246.98=\$.759
Total	\$231,664.98	divided by \$8,246.98=\$28.09

VALUE OF SERVICES RECEIVED PER CAPITA

Estimated Population 14,000
Population

Borough Administration	\$ 41,034.20	divided by 14,000=	\$ 2.931
Police Services	\$ 33,325.14	divided by 14,000=	\$ 2.380
Public Health Services	\$ 2,204.05	divided by 14,000=	\$.157
Fire Protection Services	\$ 25,891.36	divided by 14,000=	\$ 1.849
Street Department Services ..	\$ 63,865.75	divided by 14,000=	\$ 4.561
Street Lighting Miscellaneous Services	\$ 32,939.48	divided by 14,000=	\$ 2.352
Sanitary Sewerage Services ..	\$ 24,904.28	divided by 14,000=	\$ 1.779
Comfort Station Services	\$ 1,233.41	divided by 14,000=	\$.088
Parks and Playground Services	\$ 6,267.31	divided by 14,000=	\$.447
<hr/>			
Total	\$231,664.98	divided by 14,000=	\$16.54
<hr/>			

Note: The Citizens of Chambersburg received in these services \$231,-664.98 of Value for which Taxes were levied for Borough purposes in the amount of \$8,246.98. If you did not operate your Electric Light and Water Utilities at a handsome profit, the whole cost of these services would have to be paid for by Taxes, which would mean an increase in Taxes for Borough purposes of 28.09 times what they were in 1939.

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CHAMBERSBURG PENNSYLVANIA

OFFICE OF THE BOROUGH ENGINEER
CHAMBERSBURG, PENNA.

POPULATION OF BOROUGH

13,788

SCALE 1" = 300' JANUARY 1935

1930 CENSUS

PLAN NUMBER 30009-A

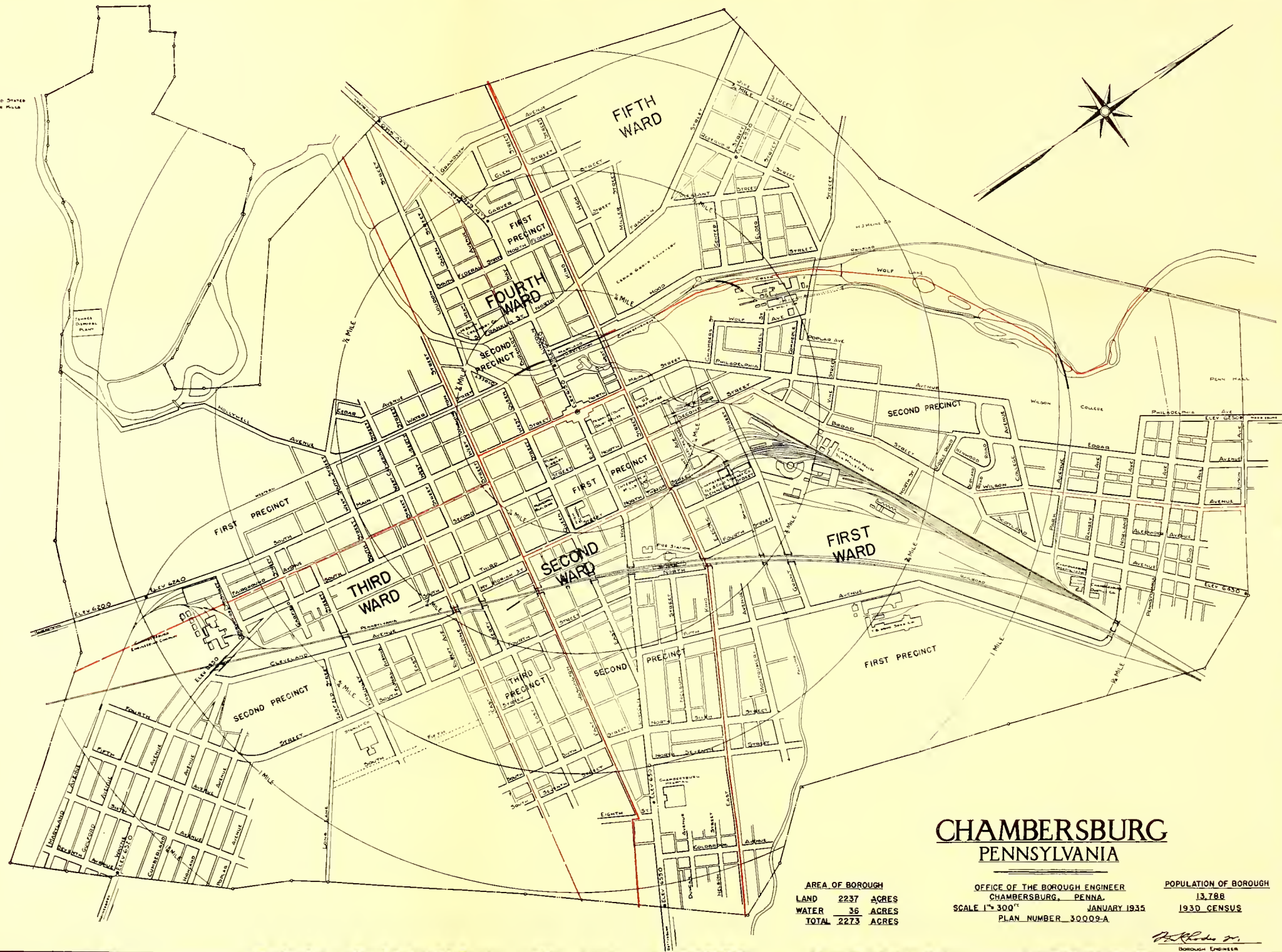
W. Rhodes Jr.

BOROUGH ENGINEER

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UNITED STATES
PAPER MAP







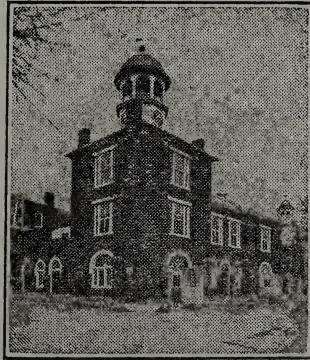
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1940

J. R. Linder

ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1940



This Pamphlet is published for the benefit of the citizens of Chambersburg, that they may become better acquainted with those vital things in our community that go to make Chambersburg a better place in which to live.



ANNUAL REPORT
of the
BURGESS AND TOWN COUNCIL
of
THE BOROUGH OF CHAMBERSBURG
PENNSYLVANIA

For the Year Ending December 31, 1940



FOR THE YEAR
from
JANUARY 1, 1940, TO DECEMBER 31, 1940
Being
THE ONE HUNDRED AND THIRTY-SEVENTH SINCE INCORPORATED
As A BOROUGH

PERSONNEL OF THE BOROUGH GOVERNMENT

1940

R. C. VANDERAU	<i>Chief Burgess</i>
C. H. PENSINGER	<i>President Town Council</i>
J. HASE MOWREY	<i>Manager of Utilities</i>
E. W. DAVIS	<i>Secretary</i>
W. M. L. ETTER	<i>Treasurer</i>
EDMUND C. WINGERD	<i>Solicitor</i>
EDGAR W. DIEHL	<i>Tax Collector</i>
HARRY R. GEARHART	<i>Auditor</i>
HERBERT C. KEEFER	<i>Auditor</i>
ALBERT S. HENNEBERGER	<i>Auditor</i>
MARGARET E. WINGERT	<i>Chief Bookkeeper</i>
H. S. BYERS	<i>Chief of Police</i>
ROBERT MONN	<i>Superintendent of Water and Sewer</i>
W. L. GROVE	<i>Plumbing Inspector</i>
F. D. RHODES, JR.	<i>Borough Engineer</i>
CHARLES F. PFOUTZ	<i>Assistant Borough Engineer</i>
ROBERT RINICK	<i>Market Master</i>

COMMITTEES OF COUNCIL

FINANCE COMMITTEE

C. H. PENSINGER, *Chairman*
H. H. SWARTZ
STEPHEN MCC. NELSON
H. R. FORBES
G. C. GEYER

WATER AND LIGHT COMMITTEE

R. F. ANGLE, *Chairman*
B. F. SMALL
STEPHEN MCC. NELSON

STREET COMMITTEE

H. H. SWARTZ, *Chairman*
A. R. ZIMMERMAN
T. C. McCULLOUGH

FIRE COMMITTEE

H. R. FORBES, *Fire Marshal*
R. F. ANGLE
G. S. KLENZING

BOROUGH PROPERTY COMMITTEE

C. H. PENSINGER, *Chairman*
R. F. ANGLE
H. H. SWARTZ
H. R. FORBES
B. F. SMALL

SEWER COMMITTEE

B. F. SMALL, *Chairman*
G. C. GEYER
H. R. FORBES

INDUSTRIAL COMMITTEE

T. C. McCULLOUGH, *Chairman*
G. S. KLENZING
A. R. ZIMMERMAN

PUBLIC COMFORT STATION COMMITTEE

B. F. SMALL, *Chairman*
G. C. GEYER
T. C. McCULLOUGH

PARKS AND PLAYGROUNDS
COMMITTEE

STEPHEN MCC. NELSON, *Chairman*
A. R. ZIMMERMAN
G. S. KLENZING
H. H. SWARTZ
B. F. SMALL

PUBLIC SAFETY COMMITTEE

BURGESS R. C. VANDERAU, *Chairman*
CHIEF H. S. BYERS
H. R. FORBES
STEPHEN MCC. NELSON
R. F. ANGLE

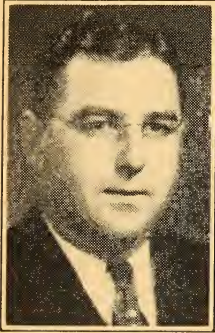
COYLE LIBRARY TRUSTEES

G. C. GEYER
STEPHEN MCC. NELSON

BOARD OF HEALTH

DR. B. M. BEATTIE, *President*
DR. L. H. SEATON
JOHN B. MINEHART
PAUL WALKER
F. LESTER MARSHALL
FRANK J. CROFT, *Health Officer and Secretary*

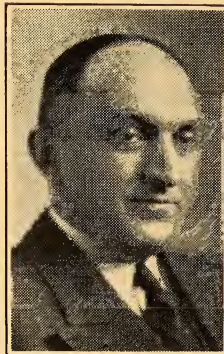
**BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG**



STEPHEN McC. NELSON
Councilman, 1st Ward



H. R. FORBES
Councilman, 1st Ward



R. C. VANDERAU
Chief Burgess



R. F. ANGLE
Councilman, 2nd Ward



A. R. ZIMMERMAN
Councilman, 2nd Ward

BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG



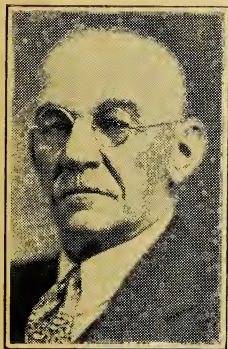
C. H. PENSINGER
President of Council
Councilman, 3rd Ward



H. H. SWARTZ
Councilman, 4th Ward



G. C. GEYER
Councilman, 3rd Ward

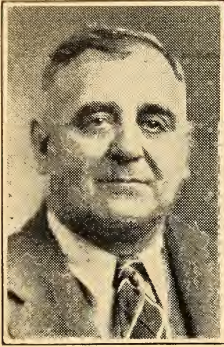


T. C. McCULLOUGH
Councilman, 4th Ward



B. F. SMALL
Councilman, 5th Ward

BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG



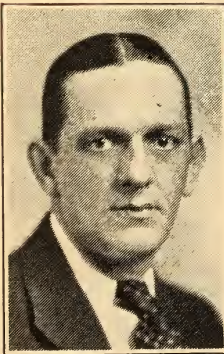
G. STEWART KLENZING
Councilman, 5th Ward



E. C. WINGERD
Borough Solicitor



J. HASE MOWREY
Manager of Utilities



F. D. RHODES, JR.
Borough Engineer

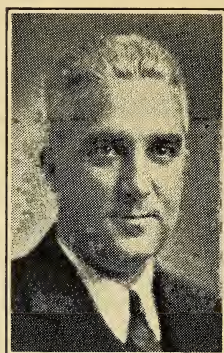


H. S. BYERS
Chief of Police

BOROUGH OFFICIALS
OF
THE BOROUGH OF CHAMBERSBURG



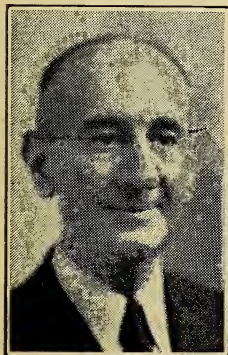
MARGARET E. WINGERT
Chief Bookkeeper



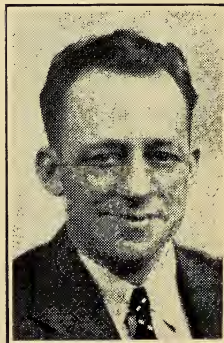
ROBERT MONN
Supt. of Water and Sewer



W. L. GROVE
Plumbing Inspector



E. W. DAVIS
Borough Clerk



ROBERT RINICK
Market Master



MUNICIPAL OFFICE BUILDING

HISTORICAL

Chambersburg was founded by Benjamin Chambers at "Fawling Spring on Cannogogige," in 1734, and in 1764 Benjamin Chambers writes, "there is a town laid out on Conegogig Creek." The town was incorporated by an Act of the General Assembly of the State of Pennsylvania, March 21, 1803, and the first Burgess and Town Council consisted of the following: Chief Burgess—Major John Holliday; Councilmen—Edward Crawford, Esq., Andrew Dunlap, Christian Oister, John Shryock, and Patrick Campbell. It has grown slowly, but its growth has been steady, and its accomplishments enduring. Today it bears the rather enviable reputation of being one of the outstanding boroughs in the State of Pennsylvania, and its citizens enjoy more vital services at a much lower cost than any other borough in the State.

POLICE DEPARTMENT

The first police force for the Borough of Chambersburg was established January 16, 1818, by the following action of Town Council, "Be it ordained, etc., That four men shall be employed to watch and patrol the streets of the Borough during the night, from nine o'clock until daybreak, for the term of three months from this date, to guard the property of the inhabitants, as far as in their power, from incendiaries, thieves, and plunderers, and to arrest and detain all vagrants and night walkers until the morning, unless he, she, or they can give a satisfactory account of their purpose, and the occasion of their being found on the street—and also call the hour."

The Council entered into an article of agreement dated January 17, 1818, with Robert Allison, as Captain; William McElhany, Jacob Heckerman, and Dan McAllister, Privates; to patrol the town from nine o'clock until daybreak, call the hour, and light any lamps that are, or may be, erected, for which the Captain was to receive \$18.00 per month, and each Private \$15.00 per month, and the Council was to furnish each one with a sufficiently warm watch coat.

From the following proclamation, it is evident that 123 years ago the sources of amusement for the good people of Chambersburg were more varied, permanent, and better protected than they are today:

"To Robert Allison, High Constable

Sir: You are hereby authorized to attend the Theatre in the Borough of Chambersburg and Protect the Manager thereof whilst acting from any disorderly Person or Persons—and if any Person or Persons attempt to disturb said actors during their performans—you are hereby Commanded to bring him or them before me or any Justice of the Peace in said Borough to be dealt with according to Law. Fail not.

Given under my hand and seal this 19th day of July, 1816.

(Signed) PATRICK CAMPBELL, Burgess."

From this very modest beginning, the Police Department has developed into a highly efficient and very completely equipped organization, consisting of a Chief, two Sergeants, and eight Patrolmen. Their equipment consists of a Hardinge Police Register System, dictograph, finger printing outfit, Colts 38 calibre revolvers, tear gas guns, tear gas hand grenades, police car, and two motorcycles.

During the year 1940, the Police Department answered 1,667 calls. This is exclusive of all calls answered by the Chief. There was a total number of 1,875 arrests made for various offenses. The arrests for drunk and disorderly conduct totaled 266. There were 32 actual cases of breaking in and larceny reported, and 14 arrests were made in these 32 cases. The night patrol reported 299 store doors left open by owners on leaving store. The total amount of fines collected by the Borough was \$1,495.00, \$1,261.00 of which was Parking Meter fines.

FIRE DEPARTMENT

In 1790, one hundred and fifty years ago, when the village of Chambersburg consisted entirely of either log or frame houses, and the fire hazard was great because of wood fires upon the open hearth, the necessity of providing protection from fire was first discussed, and the Friendship Fire Company, an organization of citizens equipped with buckets, was formed.

Since that time, with the expansion of the village from a few houses to a borough of the first magnitude, the formation of additional companies became necessary, and their equipment, from bucket, to hand pump, to hose reel, to steam fire engine, and, during the past fifteen years, to modernized motor drawn and motor driven apparatus, has kept pace with the times.

Today, the Fire Department consists of five companies, advantageously located, and equipped with three American LaFrance Pumpers, one Ward LaFrance Flood Light Truck and Pumper, an aerial truck with 85 foot ladder, a City Service truck with booster pump, a truck equipped with a Foamite unit, a squad and chemical car, and an ambulance.

The companies are entirely volunteer, only the drivers of the apparatus receiving pay from the Borough. The fire houses and equipment are owned by the Borough, and under the care of the Property Committee and the Fire Committee of the Borough Council.

In addition to the above mentioned equipment, the town is completely covered by the Gamewell Fire Alarm System, consisting of 54 fire alarm boxes, 5 station house indicators and gongs, and one general alarm, all storage battery operated, and 233 latest type fire plugs are installed at the most advantageous points.

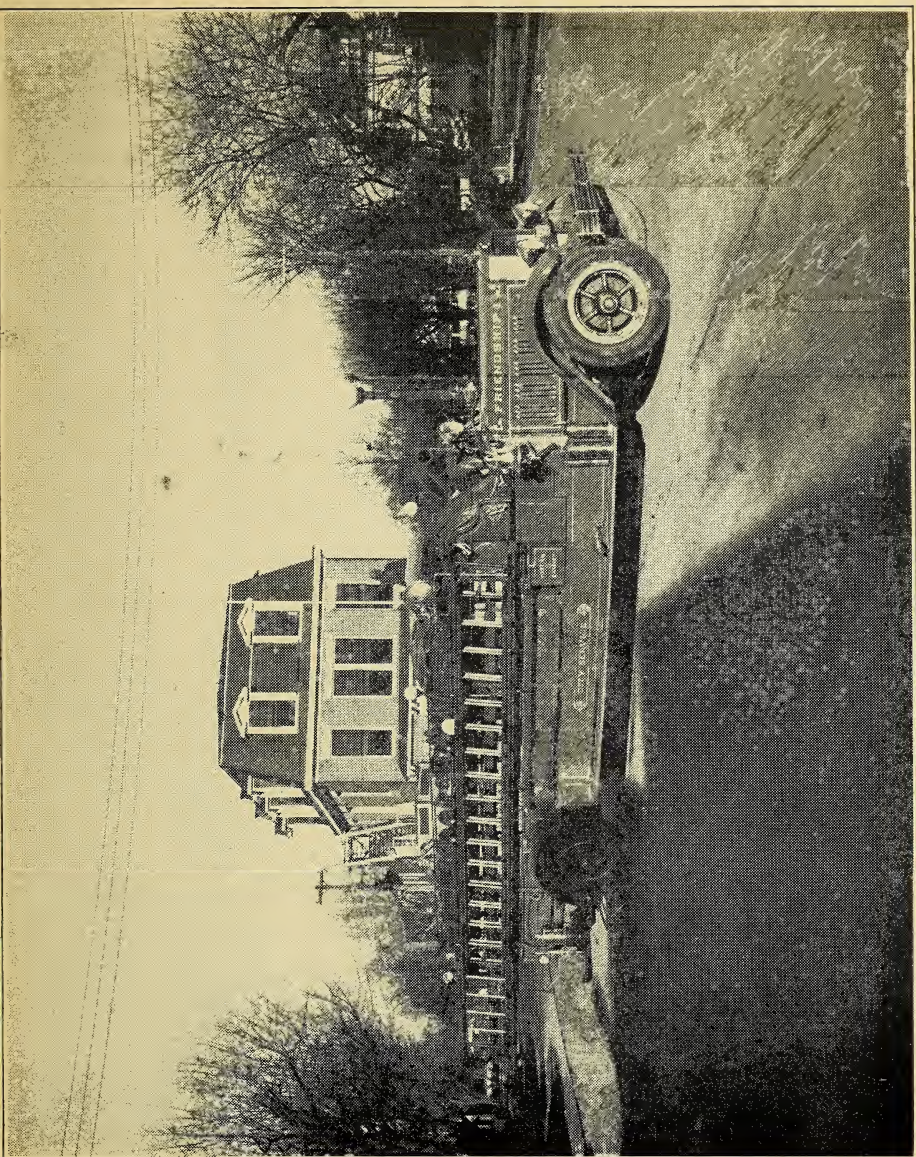
The Department answered 19 General Alarms sounded by the Gamewell System during the year, 4 of which were false alarms. In addition to these system alarms, the companies responded to silent alarms and individual calls as follows:

Franklin Company	21
Junior Company	20
Good Will Company	19
Cumberland Valley Company	16
Friendship Company	8

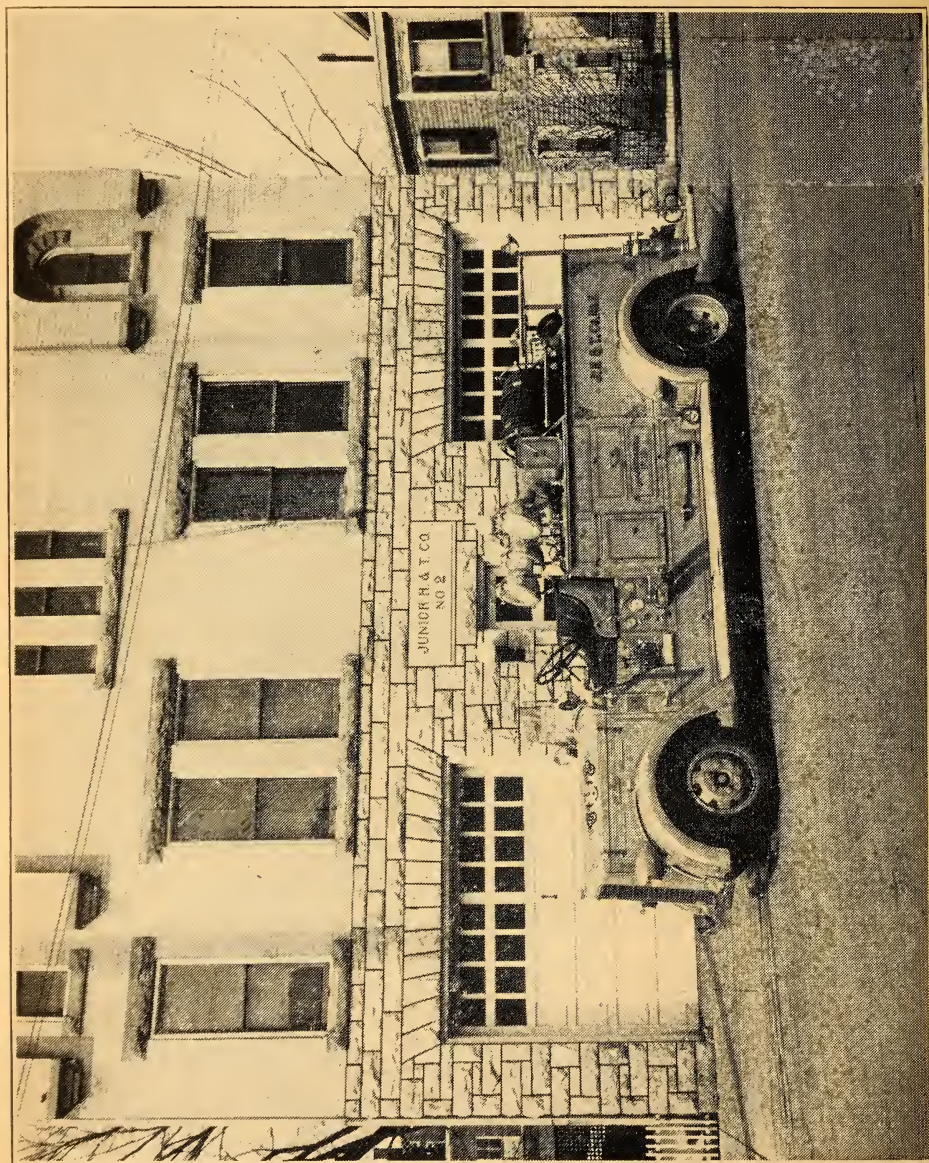
The Franklin Fire Company Community Pumper answered 46 calls for rural fires, the fire loss of which amounted to \$29,813.00.

The fire loss in the Borough of Chambersburg for 1940 was \$9,900.00.

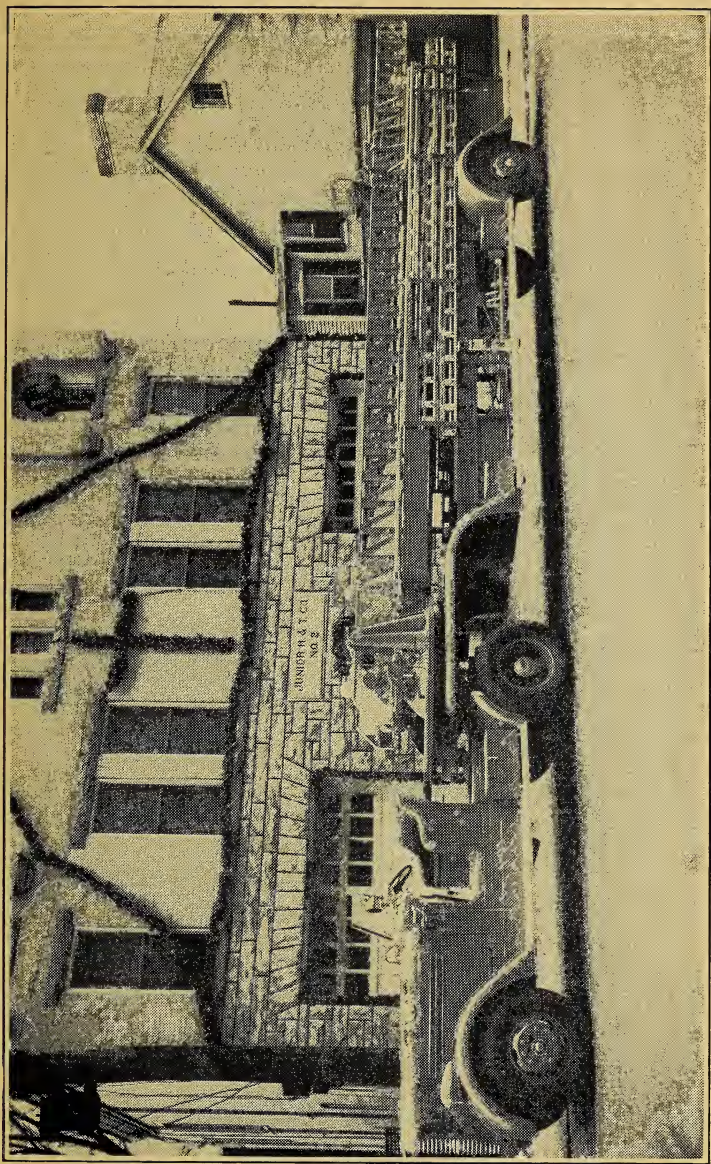
The Good Will Ambulance responded to 843 calls during the year.



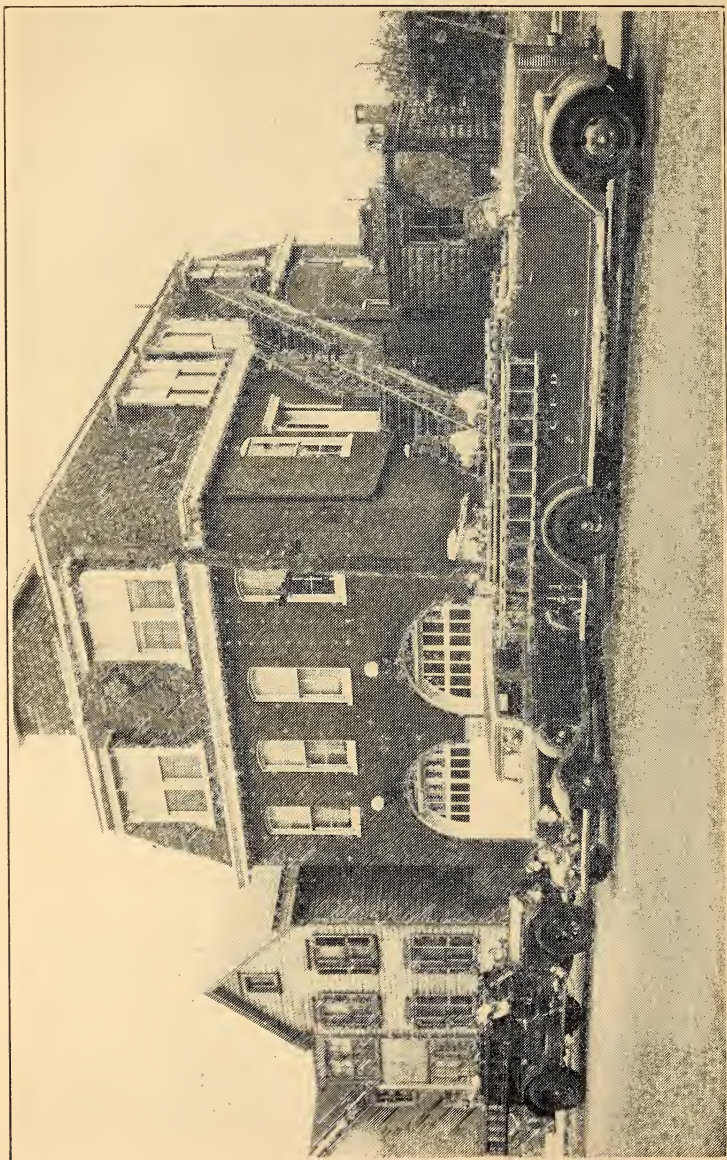
FIRE EQUIPMENT OF FRIENDSHIP ENGINE AND HOSE CO. NO. 1



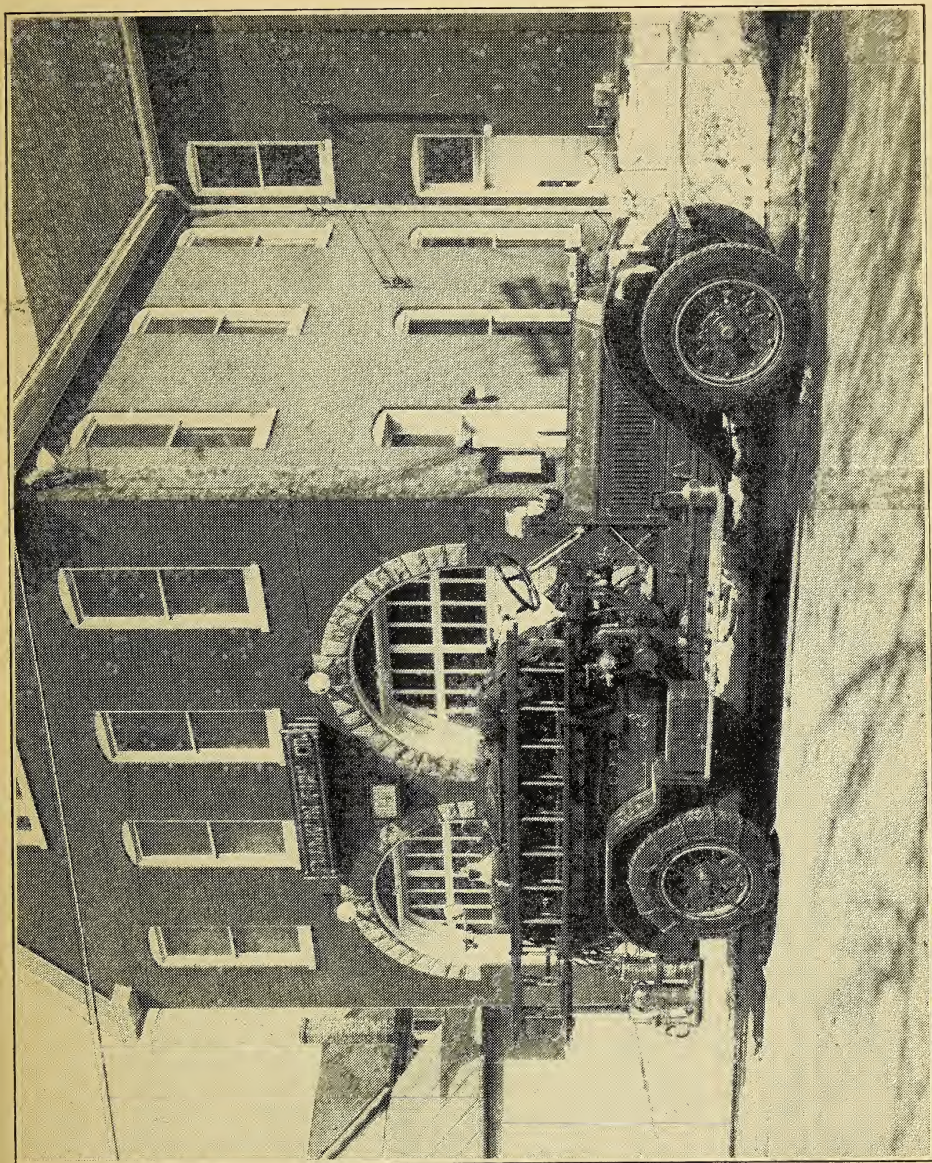
FIRE EQUIPMENT OF JUNIOR HOSE AND TRUCK COMPANY No. 2



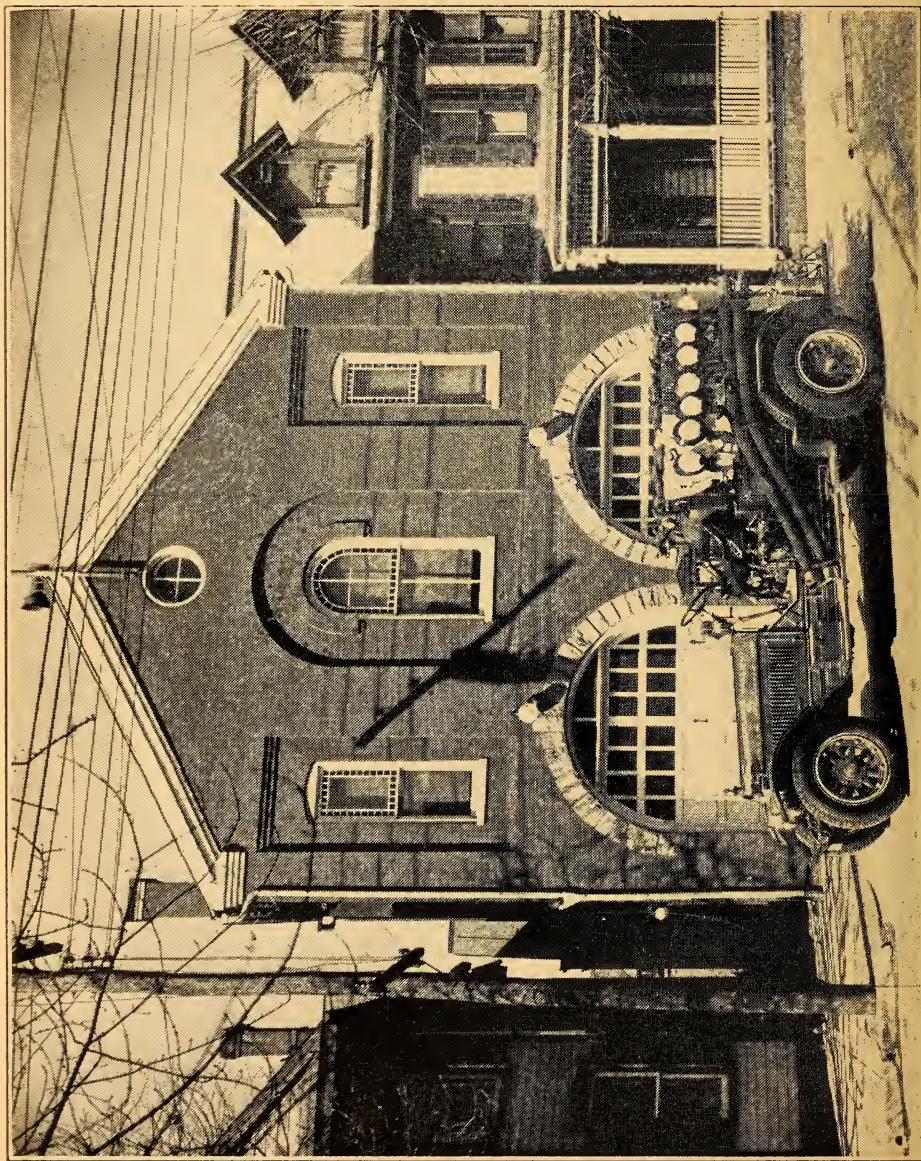
FIRE EQUIPMENT OF JUNIOR HOSE AND TRUCK COMPANY NO. 2



FIRE EQUIPMENT AND AMBULANCE OF GOOD WIL' STEAM FIRE ENGINE AND HOSE COMPANY NO. 3



FIRE EQUIPMENT OF FRANKLIN FIRE COMPANY NO. 4



FIRE EQUIPMENT OF CUMBERLAND VALLEY HOSE COMPANY NO. 5

STREET DEPARTMENT

On March 30, 1734, Benjamin Chambers was given a grant to take, settle, and improve 400 acres of land at the mouth of the Falling Spring and the Conococheague Creek, but this tract was not sub-divided until 1764 when it was laid out as a town and called Chambers Town, which name was changed to Chambersburg when Franklin County was erected in 1784.

The limits of the town at that time were on the North by the Falling Spring; on the East by Second Street; on the South by approximately Liberty Street; and on the West by the Conococheague Creek.

In the beginning of the 19th Century no streets had been graded or paved, although each property owner was required to maintain a walk in front of his own property. The original plan of the inhabitants was to make Second Street the principal business street, but this was changed to Main Street after considerable influence was exerted by those property owners.

Prior to 1813, the Lincoln Highway and Main Street were repaired by the Turnpike Company, by turnpiking which consisted of placing one foot of broken stone covered with gravel and clay. The first record of a contract awarded by the Borough was in 1813 to repair the Lincoln Highway and Main Street near the "Diamond."

The first covered storm sewer was built in Burkhart Avenue from Main Street to the Creek in 1823. This sewer had an inside height of 4½ feet and a width of 3½ feet.

The extension of this form of street repairs, grading, and sewers continued with some modifications until 1912 when the present brick paving was laid, and plans adopted to continue this paving four blocks each year. This plan was not followed, due to the increased cost of materials.

In 1918 a general plan of macadam construction and surface oiling was adopted, and the Lincoln Highway and Main Street were paved first with water-bound macadam, and treated with road oil. This is the first year that a large quantity of road oil was used as a maintenance and construction material. Prior to this time, oil was used as a dust preventive and partially paid for by the property owners abutting on the streets treated.

This plan was continued until 1927 and 1928, when the Lincoln Highway and Main Street were again repaved with reinforced cement concrete.

In addition to the usual maintenance work, such as patching, oiling, sweeping, and removing refuse from streets and alleys; snow and ice removal; control of dust and weeds on streets and alleys; maintenance and repair of storm sewers; maintenance and repair of bridges; operation and maintenance of Street Department Garage; and the backfilling of ditches that were opened for the purpose of new installation or renewal of water, sewer, and, or, gas service to properties; the following construction work was completed during 1940:—

Street Construction: The following streets were paved with macadam:

Street	From	To	Square Yards
Stanley Ave.	Fourth St.	Fifth St.	2,196 New
Guilford Ave.	Sixth St.	Seventh St.	1,944 Clay before
Seventh St.	Guilford Ave.	Wayne Ave.	700 Clay before
East King St.	Coldbrook Ave.	Westward	1,200 Not opened

Street	From	To	Square Yards
Coldbrook Ave.	Nelson St.	King St.	1,200 Stone & Cinder
Nelson St.	Coldbrook Ave.	Westward	1,200 Not opened
Glen St.	High St.	Franklin St.	3,150 New
Ohio Ave.	Scotland Ave.	Alexander Ave.	1,170 New
Loudon St.	West Boro Line	Eastward	1,190 Old Macadam
Garber St.	High St.	Southward	600 Old Macadam
Total Square Yards			14,550

Alley Construction: During the year, 1,928 square yards, or .24 miles of alleys were constructed with water-bound bases and bituminous concrete surfaces, and 1,836 square yards, or .22 miles were paved with Portland cement concrete, and approximately 12,110 square yards treated with surface oil and stone chips.

Storm Sewer Construction: The storm sewer in Cedar Grove Cemetery Alley was completed with the construction of 404 feet of 24-inch, and 62 feet of 12-inch concrete pipe. A 1.5 x 4.5 concrete box sewer with three, 24-inch lateral lines was constructed on South Second Street, from McKinley Street to Main sewer. To improve alley drainage, a 12-inch concrete pipe sewer was laid across the Rotz property, off of Reservoir Street.

STREET DEPARTMENT REPORT

FOR THE YEAR ENDING DECEMBER 31, 1940

In presenting this report of the Street Department activities during 1940, we feel it is interesting to show in addition a comparative report of the works completed during the past twenty-two years. The progress in Highway construction and maintenance has made necessary large expenditures for drainage structures and bridges.

Comparative report of streets, alleys, sewers, bridges, as of 1918 and 1940, showing works completed by the Street Department during the past twenty-two years:

STREET SURFACES

1918		1940
Square Yards	Type	Square Yards
3,850.....	Oil Treated Water-Bound Macadam	410,074
0.....	Oil Treated Bituminous Macadam	46,515
0.....	Reinforced Cement Concrete	72,663
14,712.....	Brick on Cement Concrete Base	14,712
0.....	Bituminous Concrete	12,935
302,400.....	Stone and Cinder	46,691
188,200.....	Clay or Slate	3,586
96,965.....	Not Opened	941
Total—608,117 Square Yards, or 31.39 Miles.		

ALLEY SURFACES

1918		1940
Miles	Type	Miles
0	Reinforced Cement Concrete	1.37
0	Bituminous Concrete	3.38
0	Oil Treated Macadam	7.10
4.10	Stone and Macadam	8.54
17.90	Clay, Slate, or Not Opened	1.64
Total—22.0 Miles.		

UNDERGROUND SURFACE WATER DRAINS

1918		1940
Linear Feet	Type	Linear Feet
2,610	12" Terra Cotta Pipe	2,610
200	18" Terra Cotta Pipe	4,380
0	15" Terra Cotta Pipe	260
2,650	24" Terra Cotta Pipe	4,993
0	36" Terra Cotta Pipe	452
0	12" Concrete Pipe	711
0	15" Concrete Pipe	350
0	18" Concrete Pipe	884
775	24" Concrete Pipe	1,692
0	36" Concrete Pipe	800
0	18" Iron Pipe	1,050
0	3' x 2.5' Cement Concrete Box	1,662
0	4' x 3' Cement Concrete Box	1,467
0	3' x 3' Cement Concrete Box	8,385
0	4' x 4' Cement Concrete Box	6,726
0	2' x 2' Cement Concrete Box	150
0	1.5' x 3.5' Cement Concrete Box	720
0	1.75' x 3.5' Cement Concrete Box	113
0	1.5' x 4.5' Cement Concrete Box	252
6,235	Totals	37,657
31	Inlets	294

ENGINEERING DEPARTMENT

The office of the Borough Engineer in Chambersburg was created by Ordinance approved by The Burgess and Town Council on June 14, 1909.

The Town Council appoints the Borough Engineer, and they are the judges of what assistants shall be furnished. He shall furnish all engineering for all departments unless otherwise directed by Council: To make profiles and plans of all streets, alleys, sewers, bridges, and to keep proper records of same; to have charge of all Borough property not under the supervision of the Manager of Utilities; to have general supervision over all work of the Street Department, and to report monthly to the Borough Council of all works completed; to keep records of locations of water, sewer, and gas pipes; to furnish and supply maps, charts, profiles, plans, specifications, estimates, data, and advice to Town Council, all committees, and officers of the Borough.

PUBLIC COMFORT STATION

A Public Comfort Station was built by the Borough of Chambersburg and the Commissioners of Franklin County in 1932 at a total cost of \$10,689.03, and is maintained jointly by them. The operation costs and repairs are divided. In 1940 the costs were \$1,653.17, of which the Borough paid \$870.68. In addition, the Borough furnished water and electricity to the amount of \$625.70, and the County Commissioners furnished heat and janitor service, without charge.

Two attendants are employed, and are on duty each day during the hours of operation to maintain order and keep the station in an orderly and sanitary manner.

The use made of this station has greatly exceeded the estimates made by the original promoters, and the records kept show that more than 2,000 persons attended this station in one day.

PARKS AND PLAYGROUNDS

Small park areas are owned and maintained on Commerce Street, Grandview Avenue, Borough Farm, Memorial Fountain, and at the Fountain on Glen Street, and in addition the banks of the Conococheague Creek and the Falling Spring are maintained and planted by the Borough.

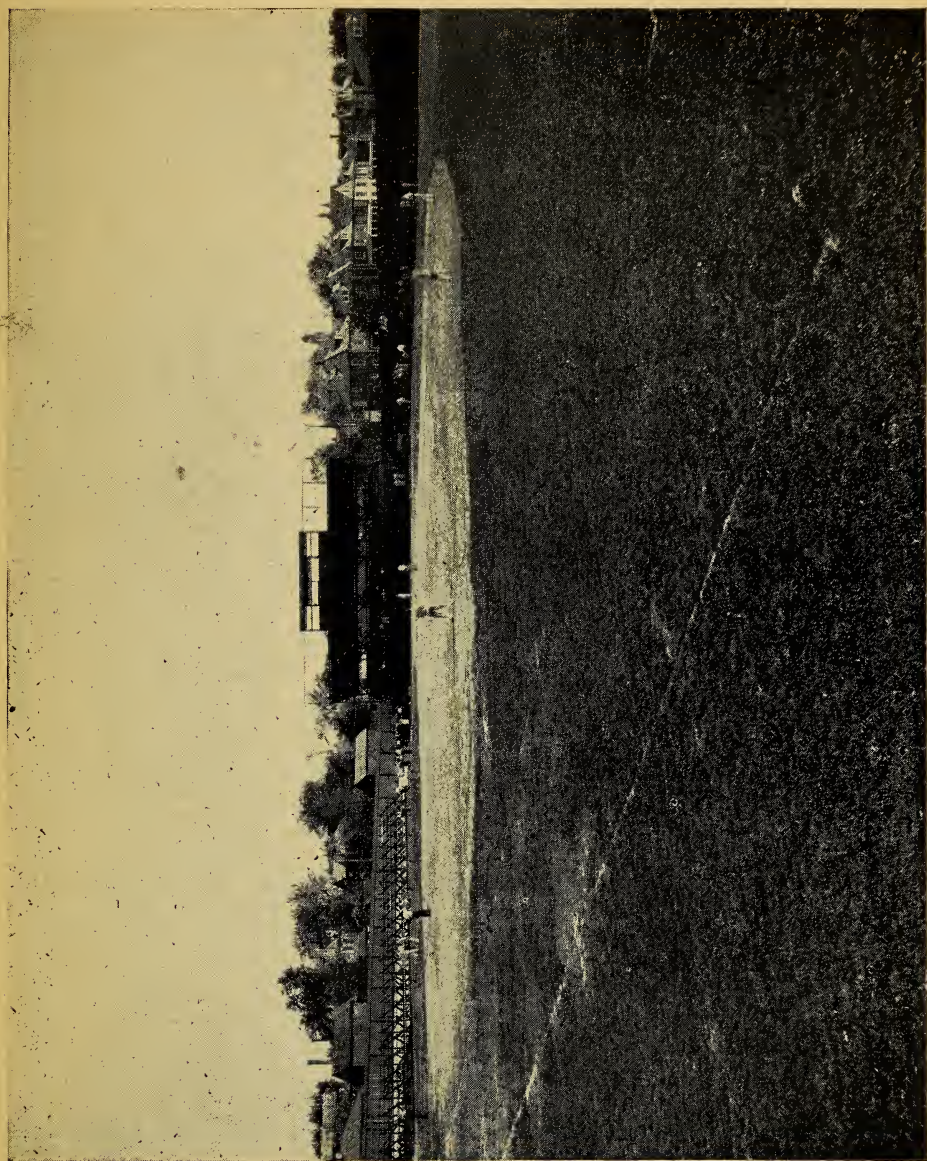
The playground system has been developed in seven playgrounds, namely, Buchanan, Cedar Avenue, Fifth Ward, Henninger Field, Loudon Street, North End, and Stevens, with Henninger Field as the center of competitive events.

Practically all playground equipment was purchased by the citizens in the vicinity of each playground, and maintained by them until several years ago the Borough accepted the responsibility of all equipment, maintenance, and repairs. Wading pools have been constructed on the Fifth Ward and Stevens Playgrounds. Tennis courts are provided for Fifth Ward and Buchanan Playgrounds, as well as at Henninger Field.

The playgrounds and activities are supervised by the Borough Engineer with a general supervisor and a director at each playground. The programs are designed to have all presentations of activities as a unit, rather than on a competitive basis. The program continues for twelve weeks and consists of athletic activities, dramatics, handcraft, and music. All competitive contests are held at Henninger Field and at the Buchanan Playground Athletic Field where two men supervise the contests.

During the summer of 1940 the Borough Playground Department sponsored ten band concerts with the American Legion Junior Band and the Chambersburg High School Band, each playing five concerts. Two of these concerts were held in the evening at Henninger Field, and were well attended by a large number of people. The balance of the concerts were given on the Court House Plaza on Memorial Square.

During the summer of 1940, the Borough Playground Department also sponsored, in conjunction with the Northeastern Branch of the Christian Endeavor Union of Franklin County, two Community Hymn Sings which were held at Henninger Field. These hymn sings proved to be a great success. It was estimated that between 2,800 and 3,000 persons attended each of these hymn sings. In December of 1940, the Borough Playground Department, the above named Christian Endeavor Union, and the Chambersburg High School Band sponsored a Christmas



HENNINGER FIELD

Community Hymn Sing, which was held at the High School. This event was attended by more than 1,000 persons.

The use of Henninger Field has been increasing each year, for both the playground activities and baseball, as well as special events held, such as band concerts, hymn sings, and other entertainments of that nature. The estimated attendance at these special events alone was more than 13,000. More than 2,700 were estimated to have attended the playground baseball games held at Henninger Field. The total daily attendance of all playgrounds for the year was approximately 46,600, exclusive of the attendance noted above at special events, as compared with 40,600 during the year 1939.

HISTORY OF THE CHAMBERSBURG HEALTH BOARD

The first meeting of the Chambersburg Health Board was held in Council Hall, September 26, 1893. The following men—Dr. Johnston McLanhan, A. J. White, J. Brua Hoyer, and George Denton were sworn in as members by Burgess George A. Wood. Dr. John A. Bouse was appointed Health Officer.

Dr. Johnston McLanhan was elected President of the Board, which office he held until October 3, 1912.

Among the first duties of the Board were the enacting of local sanitary measures which, in conjunction with the State regulation, began functioning shortly after its inception.

The Health Board was the outcome of an Act of the General Assembly of May 9, 1893, authorizing Chambersburg such a Board. Those who served as members of this Board, until the present date, are as follows:

Dr. Johnston McLanhan	H. A. Logue	Thomas K. Scheller
A. J. White	E. E. Foust	Dr. Guy P. Asper
Dr. John A. Bouse	Dr. J. J. Eckel	Dr. B. M. Beattie
Daniel O. Gehr	Dr. Paul D. Allen	J. W. Rearick
Dr. Helen Stewart	Morris Lloyd	C. P. Miller
Paul Walker	W. O. Nicklas	George K. Lehner
J. Brua Hoyer	Jacob G. Schaff	Herman Kraiss
Capt. W. H. Mackey	Milton G. McDowell	Dr. L. H. Seaton
Daniel Harmony	George Denton	H. A. Kottcamp
T. C. Karper	W. L. Ritchey	James C. Clark
George F. Arris	Dr. H. M. Miley	F. Lester Marshall

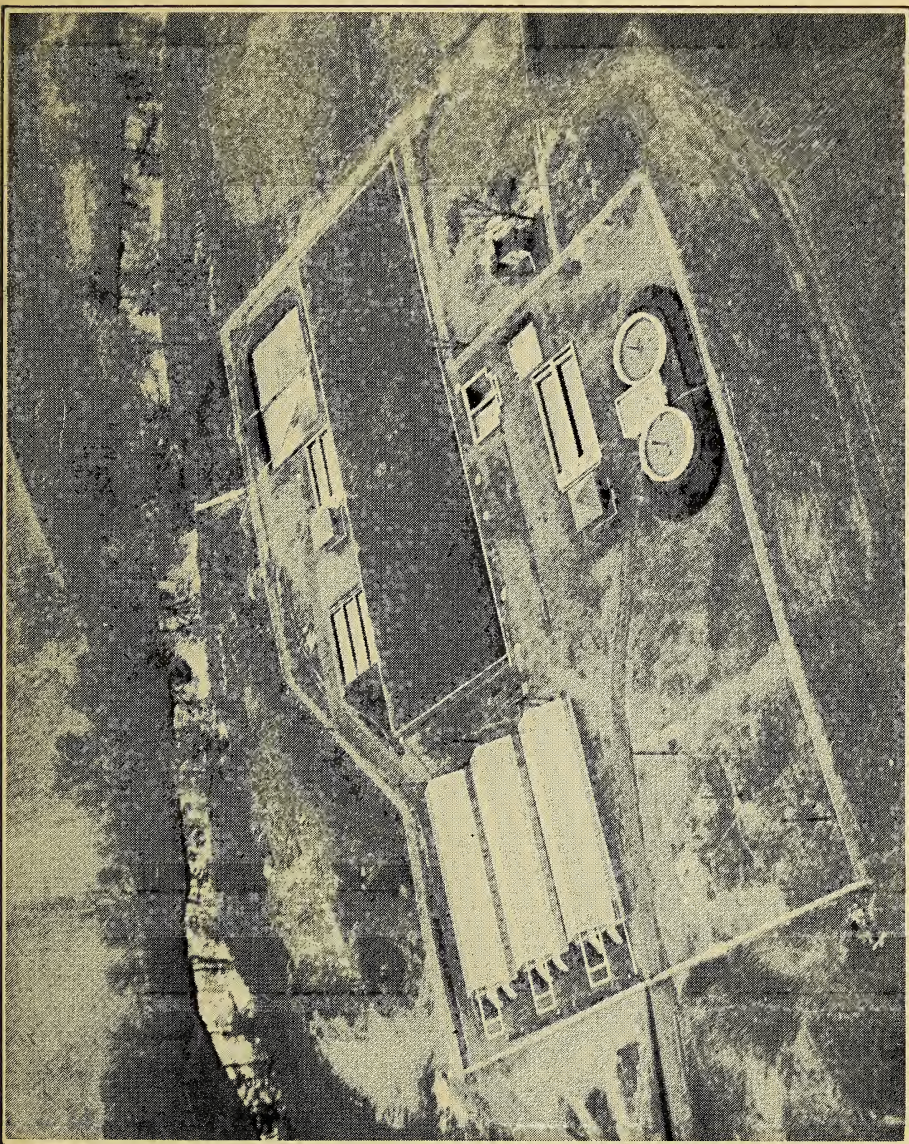
Mr. Morris Lloyd succeeded Dr. Johnston McLanhan as President in 1914, there being no record from October, 1912 to 1914, and continued in this office until his death in 1932, his successor being Dr. B. M. Beattie.

The duties of the Health Board have varied with conditions of the times, but the main actions have always been the maintaining of sanitary health measures concerning the public.

The records of 1893 show considerable controversy about the keeping of hogs within the Borough. With the advent of the sanitary sewer, the abolishing of cesspools and the connecting of houses to the sewer gave rise to a great many problems.

Contagious diseases and their control have always been one of the chief duties of the Health Board.

Other duties are seeing that the milk supply is brought to the consumer in the best possible condition as a palatable, healthful product,



NEW MUNICIPAL SANITARY SEWAGE DISPOSAL PLANT

free of preservatives or adulterations, issuing of health certificates to those who work or are employed in restaurants, drug stores, hotels, eating houses, etc., nuisances affecting the public are corrected, and the general civic conditions of the city are observed.

During the year 1940, the Chambersburg Health Board, through its Health Officer, investigated 1,040 calls, issued 530 Health Certificates to employees in places handling food stuffs within the Borough, cared for 154 common nuisances, granted 9 permits to milk dealers, and issued 56 permits to haulers of garbage and refuse. Seventy-eight cases of contagious diseases were reported to the Board during the year 1940.

Eighty connections were made to the Sanitary Sewer.

Sediment testing of milk was made quarterly, and the preservative test made annually.

Anyone whose milk registered unsatisfactory on two successive testings were refused the privilege of selling milk within the Borough for local distribution.

The Board meets the last Monday of each month in regular session with additional special meetings.

The members are Dr. B. M. Beattie, President; Dr. L. H. Seaton, Mr. John B. Minehart, Mr. Paul Walker, Mr. F. Lester Marshall, and Mr. Frank J. Croft, Health Officer.

HISTORICAL SKETCH OF CHAMBERSBURG SANITARY SEWER DEPARTMENT

When the Borough of Chambersburg decided in 1910 and 1911 to obtain its water supply from the State Forest at Caledonia, it was necessary to obtain a permit from the Pennsylvania State Health Department, and when the State Health Department issued this permit, it granted to Chambersburg the right to the water of Birch Run, but it also provided that, for this right, the Borough of Chambersburg was to install a Sanitary Sewerage System with a proper Disposal Plant of a capacity sufficient to take care of the town for twenty years to come.

The same Bond Issue, providing funds for the construction of the water supply line between the mountain and Chambersburg, provided also for sufficient bonds to put in a Sanitary Sewerage System in Chambersburg. This system was constructed, and was put in service August 1, 1912, and has performed in a very satisfactory manner ever since. Since the initial installation, there has been another Imhoff tank constructed at the Disposal Plant, as well as two additional sludge filtering beds. As the building operations developed in the town, new laterals have been run, and at the present time the entire system consists of:

LATERALS

21.244	miles	8"
6.636	miles	10"
.263	miles	12"
.23	miles	15"
.074	miles	18"

Total 28.447 miles

TRUNK LINES

238.0 feet	10"
4,432.5 feet	12"
2,138.3 feet	15"
3,099.4 feet	18"
4,014.9 feet	24"
1,631.2 feet	20" x 30" concrete

Total 15,554.3 feet

At the present time there is a total of 165,857.76 feet, or 31.41 miles of sewers, 122 Flush Tanks, 748 Manholes, and 3,200 buildings are connected with the system.

For many years this plant was considered the model plant of the State of Pennsylvania by the Pennsylvania State Health Department. There are no charges for sewer service rendered by the borough of Chambersburg, and this is a rather outstanding achievement when you stop to think that charges for sewer service run from \$8.00 to \$36.00 per year in the State of Pennsylvania.

The State Health Department insists on a very high standard of quality for the effluent from the Disposal Plant, and weekly reports are made to the Department showing each day's operation.

During 1940, requests were received from property owners for extension of the Sanitary Sewer Service for a total of 3,304' of 8" street lateral sewers. In addition to these requests, we had a carry-over program from 1939 of 540', which made a total of 3,844' to be constructed in 1940. Of this amount 3,034' were completed, leaving 810' for construction during 1941. With what was left of the construction program of 1940, and additional requests for sewer extensions, it would appear as if there would have to be constructed in 1941, 2,710'. Of the total construction work completed in 1940, 540' was done under W. P. A. Projects on which the Federal Government furnished all of the labor, while the Borough furnished all of the materials and equipment.

The total amount spent for labor, trenching, and backfilling, by the Federal Government on 540' of lateral sewers, constructed under W. P. A. Projects during the year, was \$1,599.66.

The sewers actually constructed in 1940 were as follows:

South Sixth Street	190'	of 8" lateral sewer
South Fifth Street	362'	of 8" lateral sewer
South Coldbrook Avenue	354'	of 8" lateral sewer
Lortz Avenue	413'	of 8" lateral sewer
Stanley Avenue	837.5'	of 8" lateral sewer
Nelson Street	540'	of 8" lateral sewer
South Seventh Street	338'	of 8" lateral sewer

Total 3,034.5'

The total sewerage handled at the Sanitary Sewage Disposal Plant during 1940 was 449,831,610 gallons. The total cost for the operation and maintenance of the Plant during the year 1940 was \$14,157.68. The average cost for handling the sanitary sewage during 1940 was 3.15 cents per 1,000 gallons.

ANNUAL REPORT OF THE PLUMBING INSPECTOR

During the year 1940 the Plumbing Inspector had submitted to him 306 sets of plans covering plumbing and house and building drainage for his approval. He inspected and tested the plumbing and fixtures in 60 new buildings covering 343 fixtures. There were 29 buildings converted into apartment houses during the year, which involved the inspection, approval, and testing of 226 fixtures. There were 181 alterations in buildings, which covered the inspection, testing, and approval of 435 fixtures. There were 36 automatic gas water heaters installed, covering the inspection, testing, and approval of 36 fixtures. There were 6 electric hot water heaters installed, covering the inspection, testing, and approval of 6 fixtures. This makes a total of 1,046 fixtures that were inspected, tested, and approved, by the Plumbing Inspector during the year 1940.

STATEMENT OF RECEIPTS AND EXPENDITURES OF THE BOROUGH OF CHAMBERSBURG, PENNSYLVANIA, FROM JANUARY 1st 1940, TO JANUARY 1st, 1941

Receipts

Balance in Treasurer's Account January 1, 1940		\$ 3,992.78
Edgar W. Diehl, 1940-1941 Tax Duplicate	\$ 6,917.87	
Edgar W. Diehl, 1939-1940 Tax Duplicate	488.99	
Edgar W. Diehl, 1938-1939 Tax Duplicate	132.08	
		7,538.94
Licenses, Circus	\$ 25.00	
Licenses, Peddlers	39.00	
Licenses, Beverages	4,075.00	
Sewer Permits	197.50	
Building Permits	97.00	
Digging Permits	29.00	
		4,462.50
Parking Meter Fines, W. R. Kieffer, Justice of the Peace .	\$ 1,261.00	
Fines, W. R. Keiffer, Justice of the Peace	234.00	
		1,495.00
Market Master		632.00
Tax Liens		463.49
Lateral Sewers		12,291.04
Ambulance Collections		558.92
Pole Tax		233.80
Street Paving Liens and Interest	\$ 342.40	
Sale of Materials	378.70	

Rental of Equipment	653.09	
Resurfacing Private Driveways and Parking Lots	1,697.45	
Refund Paving Lien Costs	13.90	
Construction of Concrete Curb and Sidewalks	341.00	
Miscellaneous Street	16.09	
	<hr/>	3,442.63
Henninger Field Playground As- sociation	477.53	
Insurance Refund	26.22	
Rental on Borough Farm	240.00	
Rental on Borough Property ...	214.55	
Parking Meter Receipts	11,416.50	
Traffic Signal Repairs	123.23	
Miscellaneous Fire Department .	143.91	
Miscellaneous General Borough .	149.03	
Miscellaneous Sewer Department	144.68	
Miscellaneous Engineering De- partment	1.00	
Miscellaneous Police Department	170.49	
Transfer from Electric Light De- partment	125,000.00	
Transfer from Water Department	15,000.00	
	<hr/>	\$188,218.24

Expenditures

Salaries

Clerks and Bookkeepers	\$ 3,828.50	
Borough Engineer	2,520.00	
Drafting Department	4,394.78	
Treasurer	300.00	
Borough Attorney	1,200.00	
Burgess	360.00	
Auditors	375.00	
Market Master	1,300.00	
Plumbing Inspector	1,500.00	
	<hr/>	\$ 15,778.28

Board of Health

Salary	\$ 1,500.00	
Supplies	219.18	
	<hr/>	1,719.18

Police Department

Salaries	\$ 17,700.00	
Equipment and Supplies	520.97	
Maintenance and Repairs to Motor Equipment	277.87	
New Motor Equipment	484.50	
Uniforms	555.40	
Telephone and Telegraph	269.92	

Traffic Signs, Signals, and Repairs	1,995.80	
Fuel	105.39	
Gas and Oil	371.12	
Maintenance and Repairs to Building	449.88	
Insurance	9.78	
Advertising	58.50	
Extra Labor	126.60	
Miscellaneous	189.15	
Purchasing Parking Lots	7,600.00	
Rental of Parking Lot	75.00	
Maintenance and Improvements—Parking Lots	2,053.65	
Expenses Parking Meters, Collections, Fines, and Repairs .	1,553.86	
		34,397.39

Street Department

Maintenance of Streets:

Patching	\$ 3,711.12
Surface Oiling	5,062.54
Cleaning and Removing Refuse	2,665.52
Operation—Motor Sweeper ..	1,585.46
Snow—Ice Removal	3,211.27
Miscellaneous	521.36

Maintenance of Alleys:

Patching	\$ 1,896.13
Surface Oiling	380.54
Cleaning and Removing Refuse	200.00
Dust—Weed Control	706.04
Miscellaneous	7.00

Maintenance and Repairs:

Storm Sewers	\$ 604.30
Bridges	112.84
Operation, Garage	958.44
Purchase and Repairs to Tools	403.46
Operation and Repairs to Equipment	3,993.53
Engineering Supervision	1,082.25
Administrative Insurance	1,035.27
Maintenance and Repairs to Properties	24.42
Backfilling Ditches	1,424.12
Construction Streets	12,318.80
Construction of Alleys	5,951.77
Construction of Storm Sewers	3,157.19
Purchase of Major Equipment	3,645.69
Damages	100.00
	54,759.06

Disposal Plant

Salaries	\$ 1,016.64	
Office Supplies, Printing and Postage	76.56	
Insurance on Buildings	386.23	
Insurance on Truck	31.90	
Labor at Pump House	4,247.25	
Gasoline	31.88	
Oil Waste Packing	4.70	
Chlorine—Chemical Treatment .	919.02	
Lamps	3.78	
Fuel	23.92	
Maintenance of Truck	2.37	
Maintenance and Repairs, Buildings and Grounds	424.36	
Maintenance and Repairs, Pumps	25.06	
Maintenance and Repairs, Tools, Instruments	40.77	
Maintenance and Repairs, Tanks, Filter Beds	1,037.20	
Maintenance and Repairs, Sludge Beds	1,346.16	
Maintenance and Repairs, Electric Equipment	12.43	
Maintenance and Repairs, Pipe Line	4.95	
Construction and Equipment, Buildings	101.00	
Engineering	10.00	
Purchase of Truck	1,924.94	
Purchase of Tools and Instruments	25.84	
	<hr/>	\$ 11,696.96

Fire Department

No. 1 Friendship:

Driver's Salary	\$ 1,834.56	
Supplies	104.44	
Repairs to Equipment	119.05	
Repairs to Building	69.26	
Telephone	25.80	
Laundry	8.37	
Coal	155.07	
Insurance	39.51	
Gas and Oil	21.44	
Miscellaneous	81.65	
	<hr/>	2,459.15

No. 2 Juniors:

Driver's Salary	\$ 2,039.84	
Supplies	26.15	
Repairs to Equipment	96.21	
Repairs to Building	12.93	
Telephone	37.80	

Laundry	3.46	
Coal	74.64	
Insurance	79.02	
Gas and Oil	22.61	
Miscellaneous	48.27	
	<hr/>	2,440.93

No. 3 Good Will:

Driver's Salary	\$ 2,026.00	
Supplies	192.24	
Repairs to Equipment	181.02	
Repairs to Building	163.77	
Telephone	25.80	
Laundry	11.92	
Coal	101.33	
Insurance	79.02	
Gas and Oil	23.22	
Miscellaneous	104.82	
	<hr/>	2,909.14

No. 4 Franklin:

Driver's Salary	\$ 1,835.08	
Supplies	30.40	
Repairs to Equipment	64.05	
Repairs to Building	307.40	
Telephone	26.75	
Laundry	11.24	
Coal	95.57	
Insurance	39.51	
Gas and Oil	11.06	
Miscellaneous	90.47	
	<hr/>	2,511.53

No. 5 Cumberland Valley:

Driver's Salary	\$ 1,835.08	
Storage Cabinet	129.60	
Supplies	101.04	
Repairs to Equipment	107.70	
Repairs to Building	131.56	
Telephone	25.80	
Laundry	6.31	
Coal	86.51	
Insurance	39.51	
Gas and Oil	8.98	
Miscellaneous	71.51	
	<hr/>	2,543.60

General Fire Department

Maintenance and Repairs to Alarm System	\$ 512.12	
Construction and Equipment ...	4.47	
Miscellaneous	90.20	
	<hr/>	606.79

Sewers

Salaries	\$ 945.00	
Maintenance and Repairs	798.30	
Sewer Inspection	78.84	
Extension of Sewers	7,238.44	
	<hr/>	\$ 9,060.58

Miscellaneous

Office Supplies, Printing, and Postage	\$ 1,781.23	
Supplies, Engineering Department	1,133.79	
Borough Farm Maintenance	191.85	
City Hall Maintenance	1,319.52	
Insurance, Fire, and Accident ..	7,729.13	
Maintenance and Repairs to Parks and Playgrounds	5,570.30	✓
Purchase and Improvement, Parks and Playgrounds	2,931.38	
Premium—Surety Bond	250.00	
Recording Liens	132.21	
Coyle Free Library	2,525.00	
Maintenance of Ambulance	685.31	
Telephones	366.81	
Maintenance, Comfort Station ..	870.68	
W. P. A. Sidewalk Projects	5,569.18	✓
Maintenance of Incinerator	77.02	
Salary, Caretaker of Incinerator	936.00	
Telephones, Secretary and Plumbing Inspector	54.00	
Dues, Borough Association	33.00	
Removal of Houses, Loudon Street	74.00	
Expenses, Borough Solicitor ...	113.75	
Construction Borough Farm Road	694.57	
Appropriation Spanish War Veterans	75.00	
Christmas Lighting	83.10	
Tax Collector's Expenses	160.38	
Expenses, Clean-Up-Week	403.50	
Convention Expenses	139.20	
Expenses, Fred L. Roach Case ..	2,283.51	
Purchase of Law Books	19.50	
Treasurer's Book	4.85	
Commission—Rents	15.40	
Fire Insurance Appraisal	75.00	
New Market Tables, etc.	97.51	
Removal of Glen Street Fountain	234.60	
Transfer to Borough Fire Fund .	5,000.00	
Tax Collector's Commissions	241.25	
Miscellaneous	95.74	
	<hr/>	41,967.27
Balance in Hands of Treasurer, January 1, 1941		5,368.38
		<hr/>
		\$188,218.24

DISPOSAL PLANT—CONSTRUCTION FUND

Receipts

Balance in Hands of Treasurer,		
January 1, 1940	\$ 12,107.92	
P. W. A. Construction	18,364.53	
	<hr/>	\$ 30,472.45

Expenditures

Construction Expenditures	\$ 5,816.96	
Improvement Bonds of 1938, Paid	24,000.00	
Interest on Bonds Called	93.33	
Transfer to Bond Account	562.16	
	<hr/>	\$ 30,472.45

BOROUGH FIRE FUND

January 1, 1940, Balance in Fire Fund	\$ 38,947.74	
\$5,000.00 Bonds of Borough of Mercersburg	5,100.15	
Transfer from General Borough Account	5,000.00	
Interest from Certificates	783.93	
Interest, Coupons on Bonds	212.50	
	<hr/>	\$ 50,044.32
\$5,000.00 Bonds of Borough of Mercersburg	\$ 5,100.15	
Balance in Fire Fund Account, January 1, 1941	44,944.17	
	<hr/>	\$ 50,044.32

TAX COLLECTOR'S ACCOUNT

	<i>Borough</i>	<i>Bond</i>	<i>Borough</i>	<i>Bond</i>	<i>Total</i>
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Dr.

Duplicate 1928-1929 as shown by Auditors' Report January 1, 1940					\$ 202.62
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Cr.

January 1, 1941, Balance outstanding on duplicate jointly collected by George H. Bitner and Paul D. Tarner					\$ 202.62
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Dr.

Duplicate 1938-1939, Taxes accepted by Council to be entered as Tax Liens .	\$	401.63	\$	1,196.53
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Cr.

Amount paid Treasurer by Edgar W. Diehl, Collector	\$	132.08	\$	393.91
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Balance outstanding January 1, 1941	\$	269.55	\$	802.62
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Dr.

Duplicate 1939-1940, Balance as shown by Auditors' Report, January 1, 1940	\$	940.63	\$	3,410.49
Penalty added 5%		27.90		112.43
	\$	968.53	\$	3,522.92

Cr.

Amount paid Treasurer by Edgar W. Diehl, Collector	\$	474.43	\$	2,040.21
Taxes accepted by Council to be entered as Tax Liens		284.92		856.97
Exonerations allowed by Council		209.18		625.74
	\$	968.53	\$	3,522.92

Dr.

Duplicate 1939-1940, Taxes accepted by Council to be entered as Tax Liens ..	\$	284.92	\$	856.97
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Cr.

Amount paid Treasurer by Edgar W. Diehl, Collector	\$	14.56	\$	43.68
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Balance outstanding January 1, 1941	\$ 270.36	\$ 813.29
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Dr.

Duplicate 1940-1941	\$ 8,184.26	\$24,612.71
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Cr.

Amount Collected to November 1, 1940	\$ 6,876.39	\$20,593.23		
Abatement on amount collected to November 1, 1940	361.91	1,083.85		
Collected November 1, 1940, to January 1, 1941	41.48	124.47	\$ 7,279.78	\$21,801.55
Balance to be collected January 1, 1941 ...			\$ 904.48	\$ 2,811.16

SUMMARY TAX DUPLICATE

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Total</i>
January 1, 1941, Duplicate 1928-1929			\$ 202.62	
January 1, 1941, Duplicate 1938-1939	\$ 269.55	\$ 802.62		
January 1, 1941, Duplicate 1939-1940	270.36	813.29		
January 1, 1941, Duplicate 1940-1941	904.48	2,811.16		
	\$ 1,444.39	\$ 4,427.07	\$ 202.62	\$ 6,074.08

BOND DEPARTMENT

Receipts

Balance in Hands of Treasurer January 1, 1940	\$14,178.39
Tax Duplicate 1940 - 1941, Edgar W. Diehl, Collector	\$20,717.70
Tax Duplicate, 1939 - 1940, Edgar W. Diehl, Collector	2,083.89
Tax Duplicate, 1938 - 1939, Edgar W. Diehl, Collector	393.91
	23,195.50
Transfer from Disposal Plant Construction Fund	\$ 562.16

Accrued Interest on \$145,000.00 Bonds from September 1, 1939, to October 1, 1939	396.93	
	<hr/>	\$38,332.98

Expenditures

Bonds Redeemed	\$17,000.00	
Interest Paid (Coupons)	5,905.00	
State Tax	54.15	
Commission Account Corporate Loan Report, William M. L. Etter	2.85	
Edgar W. Diehl, Commissions	742.27	
Balance in Hands of Treasurer January 1, 1941	14,628.71	
	<hr/>	\$38,332.98

BOND DEPARTMENT—SINKING FUND

Balance in Sinking Fund January 1, 1940 (Four Banks)	\$ 4,223.72	
Interest Received (Four Banks)	84.89	
	<hr/>	\$ 4,308.61
Balance in Sinking Fund January 1, 1941 (Four Banks)	\$ 4,308.61	
	<hr/>	\$ 4,308.61

TAX LIENS

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	<i>Interest</i>	<i>Total</i>
Balance to be col- lected January 1, 1940	\$ 3,118.87	\$ 3,655.46	\$ 27.33		\$ 6,801.66
				\$ 70.08	6,871.74
Amount collected 1940	157.21	239.82		70.08	\$ 467.11
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 2,961.66	\$ 3,415.64	\$ 27.33	\$ 00.00	\$ 6,404.63
Not Revived	3.31	3.31			6.62
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Balance to be col- lected January 1, 1941	\$ 2,958.35	\$ 3,412.33	\$ 27.33	\$ 00.00	\$ 6,398.01

LATERAL SEWER ASSESSMENTS

Balance to be collected January 1, 1940	\$15,690.33	
Assessments made during 1940	1,370.48	
Interest Accrued	8.92	
Amount collected in error	17.55	
	<hr/>	\$17,087.28
Collected during 1940	\$11,742.23	
Interest collected	8.92	
Liens entered 1940	5,244.83	
Balance to be collected January 1, 1941	91.30	
	<hr/>	\$17,087.28

LATERAL SEWER LIENS

Balance to be collected January 1, 1940	\$ 3,436.54	
Sewer Assessments entered as Liens	5,244.83	
Interest Accrued	131.73	
Costs Accrued	44.60	
		\$ 8,857.70
Collected during 1940	\$ 406.06	
Interest collected	136.83	
Costs collected	44.60	
Balance to be collected January 1, 1941	8,270.21	
		\$ 8,857.70

PAVING LIENS

Balance to be collected January 1, 1940	\$ 2,350.23	
Interested Accrued	26.21	
Costs	4.00	
		\$ 2,380.44
Collected during 1940	\$ 304.74	
Interest collected	37.66	
Costs collected	4.00	
Balance to be collected January 1, 1941	2,034.04	
		\$ 2,380.44

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,

Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG WATER DEPARTMENT

The first attempt made to furnish water, under pressure, to the citizens of Chambersburg, was made by the Chambersburg Water Company, of which Mr. James Riddle was President, in 1817. This company furnished water, under pressure, through a wooden pipe system, which consisted simply of pine logs with suitable hole bored through them from end to end, and the logs fastened together end to end. Water was furnished until 1875 or 1876. The pump for this system was located on the South side of the Falling Spring at a point almost directly in line with the buildings of the Chambersburg Hospital, and the dwelling house on the farm now owned by the T. B. Wood Estate, and was driven by a water wheel. The reservoir was located where the present buildings of the Chambersburg Hospital now stand, and during the construction of the new portions of the Hospital, traces of the old reservoir structure were uncovered, and some of the old wooden pipe was dug up. The pressure under which this water was furnished must have, of necessity, been quite low, and the old records show that the system, as a whole, was not satisfactory.

On March 1, 1875, the following men were elected to the Chambersburg Town Council: W. B. Gilmore, Jacob H. Miller, Samuel M. Worley, J. P. Culbertson, John C. Gerbig, John Suesserote, Thomas Cook, and



387,000,000 GALLON IMPOUNDING RESERVOIR

David Harmony, with G. W. Nitterhouse as Burgess. On July 17, 1875, this body took action setting Friday, August 20, 1875, as an election day for voting on a bond issue not to exceed \$60,000.00, for the purpose of erecting a suitable water works. This election was duly held, and the official count reported at a special meeting of Council held August 21, 1875, was as follows:

In favor of the Bond Issue	648
Not in favor of the Bond Issue	317

This was the beginning of the Borough of Chambersburg entering into the business of supplying water to its citizens.

Bids were received for the necessary equipment on September 25, 1875, and the contract was awarded to H. P. M. Birkenbine at a price of \$53,850.00, which covered a one million gallon pump, boiler, one million gallon reservoir, 28 fire plugs, 5,400 feet of 10 inch pipe, 1,750 feet of 8 inch pipe, 7,693 feet of 6 inch pipe, and 18,500 feet of 4 inch pipe, or a total of 6.3 miles of pipe. It is a matter of some interest to note that all of this old pipe and some of the old Birkenbine fire plugs are still in service in Chambersburg today.

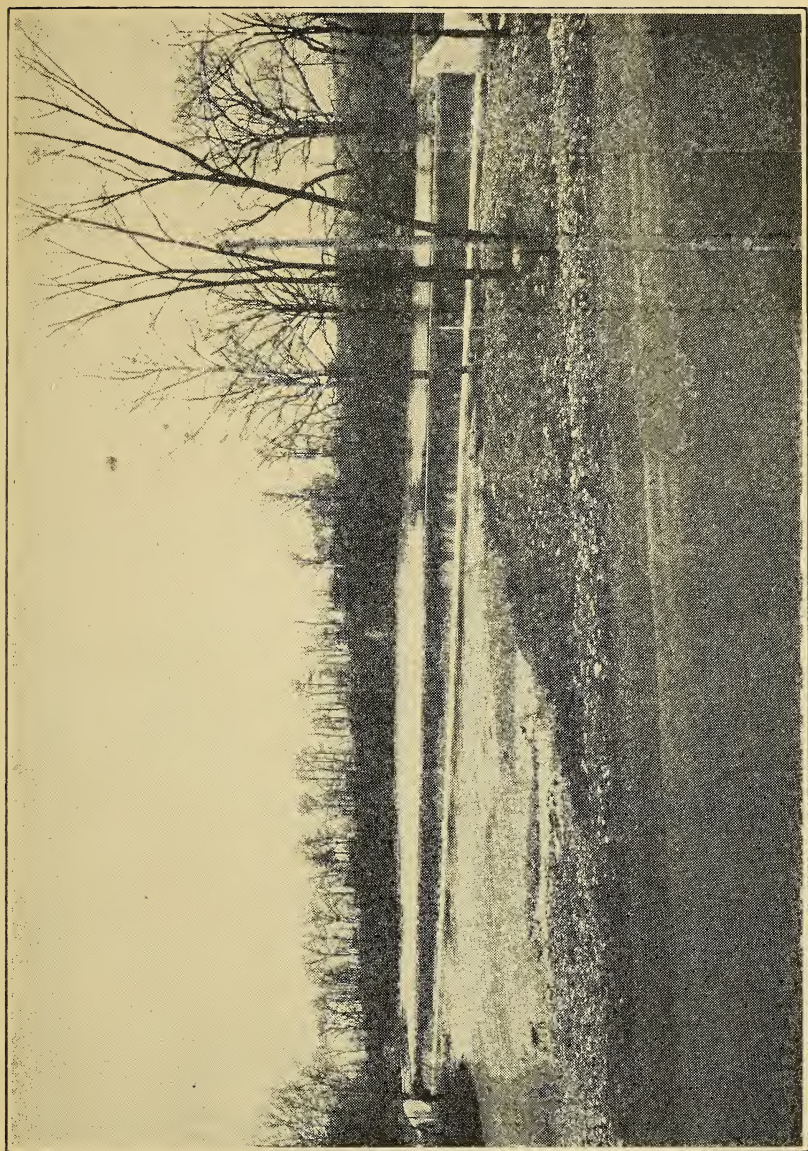
This action on the part of the Borough was contested by the Chambersburg Water Company, but, in the end, all of the actions of Council were upheld by the Courts.

This first pumping plant, a steam operated one, was located on the West Bank of the Conococheague Creek almost directly opposite the foundry of the Wolf Company, and has always been known locally as the Birkenbine Pumping Plant. In 1891, a water driven pumping plant was installed at the C. B. Gish mill, afterward known as Siloam, and another reservoir constructed with a capacity of 2,000,000 gallons, on the farm of Joseph Horst. A 2,000,000 gallon steam pumping plant is held in readiness to operate at Siloam, and can be placed in service in ten hours in an emergency.

In 1910 and 1911, the Conococheague Creek at Siloam, as a source of water supply, was abandoned by the Borough, and a supply brought in by gravity from the State Forest at Caledonia. This was a vast improvement over any of the other supplies that the Borough of Chambersburg had been using, but the drought of 1931, 1932, and 1933 brought very forcibly to the attention of the authorities that the supply might, under certain conditions, become quite inadequate. To guard against any shortage of water that might possibly occur, the Borough of Chambersburg proceeded to build a storage dam, at Caledonia across the Birch Run Valley, which holds 387,000,000 gallons of water. This dam will be held entirely full at all times for emergency purposes, and will supply the town, when using 2,000,000 gallons of water per day, for 193 days, if there was not a drop of water flowing into the dam in all that time.

During the year, the following water main extensions were constructed on the front foot assessment plan:

Guilford Avenue	544'	of 6" line
South Sixth Street	384.5'	of 6" line
Cumberland Avenue	1,055'	of 6" line
South Fifth Street	360'	of 6" line
Lortz Avenue	389'	of 6" line
Stanley Avenue	1,050'	of 6" line
South Coldbrook Avenue	340'	of 6" line
Total	4,122.5'	



SILOAM DAM

The total cash and credits in this Department for 1940 were \$71,374.12, and the total operating and non-operating expenses were \$30,762.99, including depreciation amounting to \$12,763.44, which leaves a total gross profit, exclusive of interest charges, of \$40,611.13.

Beginning with January 1, 1933, a Standard Public Utilities Accounting and Bookkeeping System was installed for this Department, after the making of a complete appraisal. The Reproduction Value New, less Accrued Depreciation, as of December 31, 1940, is \$1,173,071.27.

PHYSICAL DATA OF BOROUGH OF CHAMBERSBURG WATER DEPARTMENT

JANUARY 1, 1941

Population of Borough	15,500
(Census Population—15,005, and 495 was added for Schools and Colleges)	
Area of Water Shed	17.75 Square Miles
Elevation of Impounding Reservoir	1,091.75 Feet above Sea Level
Elevation of Intake Dam	975 Feet above Sea Level
Elevation of Dull Hill Reservoir	801 Feet above Sea Level
Elevation of Horst Reservoir	712 Feet above Sea Level
Elevation of Reservoir Hill Reservoir	707 Feet above Sea Level
Elevation of Memorial Square	615 Feet above Sea Level
Total Head from Intake to Town	360 Feet

Present 24 Hour Capacity from Michaux State Forest	
by Gravity with 40 Pounds Average Pressure in	
Chambersburg	5,500,000 Gallons

Emergency Steam Operated Plant at	
Siloam, Capacity	2,500,000 Gallons in 24 Hours

Storage Capacity of Impounding Reservoir	387,000,000 Gallons
Storage Capacity of Dull Hill Reservoir	2,200,000 Gallons
Storage Capacity of Horst Reservoir	2,000,000 Gallons
Storage Capacity of Reservoir Hill Reservoir	1,000,000 Gallons
Storage Capacity of Stand Pipe	55,000 Gallons
Total Storage Capacity	392,255,000 Gallons
Days Supply @ 2,060,825 G. P. D. if no water came from Mountain	2.55

Days Supply @ 2,060,825 G. P. D. in Impounding Reservoir	187.79
Total Days Supply Stored @ 2,060,825 G. P. D.	190.34

Miles of Mains in Borough Limits

14 Inch	0.42 Miles	4 Inch	11.76 Miles
12 Inch	2.53 Miles	2 Inch	0.57 Miles
10 Inch	4.05 Miles	1½ Inch	0.18 Miles
8 Inch	4.36 Miles	1 Inch	0.37 Miles
6 Inch	12.38 Miles		

Total of all Mains in Borough Limits	37.62 Miles
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Miles of Mains outside Borough Limits

16 Inch	2.43 Miles	6 Inch	1.03 Miles
14 Inch	17.81 Miles	4 Inch09 Miles
12 Inch	1.29 Miles		

Total of all Mains outside Borough Limits	22.65 Miles
Total of all Mains inside and outside Borough Limits	60.27 Miles
Total Number of Fire Hydrants on System	233
Total Number of Sewer Flush Tanks on System	122

Active Services

8 Inch	5	1½ Inch	20
6 Inch	10	1¼ Inch	30
4 Inch	28	1 Inch	220
3 Inch	4	¾ Inch	3,239
2½ Inch	1	½ Inch	92
2 Inch	30		

Total of all Active Services	3,679
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Inactive Services

2 Inch	4	¾ Inch	73
1 Inch	12	½ Inch	2

Total of all Inactive Services	91
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Total of Active and Inactive Services	3,770
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Valves inside Borough Limits	627
Valves outside Borough Limits	80
Total Valves in System	707

Number of Domestic Consumers inside Borough Limits	3,320
Number of Domestic Consumers outside Borough Limits	203
Total Number of Domestic Consumers	3,523
Number of Industrial Consumers	39
Number of Railroad Consumers	4
Number of Public Consumers	39
Number of Free Consumers	28
Total Number of Metered Consumers—Active	3,633

Meters on System January 1, 1941

8 Inch	4	1½ Inch	26
6 Inch	6	1¼ Inch	2
4 Inch	17	1 Inch	30
3 Inch	13	¾ Inch	101
2 Inch	26	½ Inch	3,476

Total Number of Meters on System	3,701
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Data for Year 1940

Total Cubic Feet Registered by Master Meters	100,568,267
Total Cubic Feet Furnished Domestic Consumers	29,529,399
Total Cubic Feet Furnished Industrial Consumers	23,675,961
Total Cubic Feet Furnished Industrial Consumers — Siloam	2,226,861
Total Cubic Feet Furnished Railroad Consumers	7,783,798
Total Cubic Feet Furnished Public Consumers	4,554,291

Total Cubic Feet Furnished Free Consumers	4,846,138
Estimated Total Cubic Feet Furnished for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	5,673,000
Total Cubic Feet Accounted For	76,062,587
Total Cubic Feet Lost between Master Meter and Consumer	24,505,680
Percentage Lost between Master Meter and Consumer	24.4%
50% of Loss is in Mains	12,252,840
45% of Loss is in Service Pipes	11,027,556
5% of Loss is due to under-registration of Meters	1,225,284
Average Cubic Feet Registered by Master Meters per Day	274,777
Average Cubic Feet Used by Consumers per Day	207,821
Average Cubic Feet Unaccounted For per Day	66,956
Average Gallons Registered by Master Meters per Day ...	2,060,825
Average Gallons per Day per Domestic Consumer	172
Average Gallons per Day per Industrial Consumer	13,610
Average Gallons per Day per Railroad Consumer	39,876
Average Gallons per Day per Public Consumer	2,393
Average Gallons per Day per Free Consumer	3,547
Estimated Average Gallons Used per Day for Fire, Flushing Streets, Sewers, Trenches, Fire Hydrants, and Sewer Flush Tanks	116,250
Average Gallons per Day Used for All Purposes	1,558,660
Average Gallons per Day Unaccounted For	502,166
Average Gallons per Capita per Day Domestic	39.0
Average Gallons per Capita per Day Industrial	34.2
Average Gallons per Capita per Day Railroad	10.3
Average Gallons per Capita per Day Public	6.0
Average Gallons per Capita per Day Free	6.4
Average Gallons per Capita per Day Flushing Fire Hy- drants, Etc.	7.5
Total Average Gallons per Capita per Day Consumption ..	103.4
Received from Water Sale for Domestic Purposes Inside Borough	\$ 31,617.35
Received from Water Sale for Domestic Purposes Outside Borough	\$ 4,456.47
Total Received from Water Sale for Domestic Purposes ..	\$ 36,073.82
Total Received from Water Sale for Industrial Purposes ..	\$ 10,211.20
Total Received from Water Sale for Industrial Purposes — Siloam	\$ 713.72
Total Received from Water Sale for Railroad Purposes ..	\$ 2,571.05
Total Received from Water Sale for Public Purposes	\$ 2,235.65
Total Received from Sale of Meters, Cocks, and Accessories	\$ 10,631.00
Total Received from All Sources	\$ 62,436.44
Total Credits for Water Furnished Free Consumers and Other Borough Departments	\$ 8,937.68
Total Receipts and Credits	\$ 71,374.12
Cash Receipts from Water Sale for All Purposes 1940 ...	\$ 51,805.44
Cash Receipts from Water Sale for All Purposes 1939 ...	\$ 50,019.21
Increase in Receipts from Water Sale for the Year	\$ 1,786.23
Cash Receipts from Sale of Meters, Cocks, and Accessories 1940	\$ 10,631.00

Cash Receipts from Sale of Meters, Cocks, and Accessories 1939	\$ 8,922.04
Increase in Receipts from Sale of Meters, etc., for the Year	\$ 1,708.96
Average Received per 1,000 Cubic Feet from Domestic, Including Minimum Charges	\$ 1.22
Average Received per 1,000 Gallons from Domestic, Including Minimum Charges	\$.16
Average Received per 1,000 Cubic Feet from Industrial, Including Minimum Charges	\$.42
Average Received per 1,000 Gallons from Industrial, Including Minimum Charges	\$.06
Average Received per 1,000 Cubic Feet from Railroads, Including Minimum Charges	\$.33
Average Received per 1,000 Gallons from Railroads, Including Minimum Charges	\$.04
Average Received per 1,000 Cubic Feet from Public, Including Minimum Charges	\$.49
Average Received per 1,000 Gallons from Public, Including Minimum Charges	\$.07
Average Received per Quarter per Domestic Inside Borough	\$ 2.38
Average Received per Quarter per Domestic Outside Borough	\$ 5.49
Average Received per Quarter per Public Consumer	\$ 14.33
Average Received per Month per Industrial Consumer	\$ 23.34
Average Received per Month per Railroad Consumer	\$ 53.56
Received from Water Sale per Mile of Main Inside Borough	\$ 1,258.61
Received from Water Sale per Mile of Main Outside Borough	\$ 196.75
Received from Water Sale per Mile of Main Inside and Outside Borough Limits	\$ 859.56
Total Lost in Bad Accounts, 1940	\$ 0.00
Percent Lost in Bad Accounts, 1940	\$ 0.00
Receipts and Credits for 1939	\$ 66,958.00
Receipts and Credits for 1940	\$ 71,374.00
Increase for the Year	\$ 4,416.00

RATES FOR WATER

Within Borough Limits

	Rate Per 1,000 Cu. Ft.
First 20,000 Cu. Ft. used per Month	\$1.00
Next 400,000 Cu. Ft. used per Month	0.30
All over 420,000 Cu. Ft. used per Month	0.28

Minimum Charges

Single houses, or dwelling, shall pay a Minimum Charge of \$1.50 per Quarter.

Double houses served by one meter shall pay a Minimum Charge of \$3.00 per Quarter.

Industries and Railroads shall pay a Minimum Charge of \$0.50 per Month for each and every service.

All Charges are payable net on, or before, the 25th of the Month following the end of the Month or Quarter. If not paid on, or before, the 25th of the Month following the end of the Month or Quarter, a penalty of five (5%) per cent shall be added.

If bills are not paid on, or before, the 30th of the Month following the Month or Quarter for which the bill was rendered, the water will be turned off.

Outside Borough Limits

Per Thousand Cubic Feet \$2.50

Minimum Charges

Single houses outside of the Borough—\$2.35 per Quarter.

Double houses outside of the Borough—\$4.70 per Quarter.

The same regulations shall apply, and the same penalties shall be inflicted for non-payment as provided for within the Borough.

BALANCE SHEET WATER DEPARTMENT

Assets

Fixed Capital

Fixed Capital Installed	\$1,342,521.83	
Construction Work in Progress	1,435.06	
Total Fixed Capital ..	—————	\$1,343,956.89

Current Assets

Cash (Borough Treasurer's Account)	\$	4,812.62	
Accounts Receivable from Consumers		11,124.60	
Materials and Supplies		4,908.10	
Total Current Assets ..	—————	\$	20,845.32
Total Assets			\$1,364,802.21

Liabilities

Municipal Ownership

Net Worth, Water Department	\$	932,628.87
-----------------------------------	----	------------

Funded Debt

Bonds—3% Serial Bonds ..		35,000.00
--------------------------	--	-----------

Current Liabilities

Advance from Electric Light Department	\$ 23,203.95	
Assessments for Line Con- struction	12,619.90	
Total Current Liabilities	<hr/>	35,823.85

Reserves

Reserve for Renewals and Replacements		169,450.56
--	--	------------

Surplus

Unappropriated Surplus ...	191,898.93	
Total Liabilities ..	<hr/>	\$1,364,802.21

RECAPITULATION OF NET WORTH

Net Investment, December 31, 1939	\$ 935,628.87
--	---------------

Additions

Bonds Redeemed by Borough Treasurer	12,000.00
	<hr/>
	\$ 947,628.87

Deductions

Contributions to General Borough Fund	\$ 15,000.00
--	--------------

	\$ 932,628.87
Earned Surplus End of Year	<hr/>
	191,898.93

Net Worth, December 31, 1940	<hr/>
	\$1,124,527.80

REVENUE AND EXPENSE STATEMENT WATER DEPARTMENT

Operating Revenues

Metered Domestic Sales ...	\$ 34,069.97	
Metered Commercial Sales ..	6,334.85	
Metered Industrial Sales ..	13,641.40	
Metered Public Sales	3,245.80	
Sales for Private Fire Pro- tection	85.22	
Consumers' Discounts For- feited and Penalties Im- posed	88.07	
	<hr/>	\$ 57,465.31

Operating Expenses

Water Collection System:

Operating Labor	\$	408.70	
Maintenance		1,084.29	
			1,492.99

Purification System:

Operating Labor	\$	820.27	
Supplies and Expenses ..		1,255.72	
Maintenance		446.58	
			2,522.57

Pumping System:

Supplies and Expenses ..	\$	4.73	
Maintenance		121.88	
			126.61

Distribution System:

Operating Labor (General)	\$	483.96	
Operating Labor (Reservoir)		408.68	
Maintenance of Mains and Pipes		513.33	
Maintenance of Storage Reservoirs, etc.		255.60	
Maintenance of Meters, Vaults, etc.		738.10	
Maintenance Other Distribution Property		662.59	
			3,062.26

General Expenses

Office Salaries	\$	5,231.89	
Salaries of Meter Readers ..		795.02	
Office Supplies and Expenses		332.49	
Other General Property Expenses		428.99	
Taxes and Lease Expense ..		1,508.59	
Other General Expenses ...		67.75	
Insurance		152.52	
Maintenance of General Properties		400.09	
Depreciation		12,763.44	
			21,680.78
Total Operating Expenses			\$ 28,885.21

INCOME STATEMENT

WATER DEPARTMENT

Operating Revenues \$ 57,465.31

Operating Expenses

Water Collection System ..	\$ 1,492.99	
Purification System	2,522.57	
Pumping System	126.61	
Distribution System	3,062.26	
General Operating Expenses	21,680.78	
		<u>28,885.21</u>

Operating Income \$ 28,580.10

Non-Operating Revenues ..	\$ 2,522.34	
Non-Operating Expenses ..	1,877.78	
		<u>644.56</u>

Net Income \$ 29,224.66

Net Income Deductions

Interest	\$ 659.59	
Free Water to Borough ...	2,726.06	
		<u>3,385.65</u>

Balance of Net Income \$ 25,839.01

ANALYSIS OF FIXED CAPITAL

WATER DEPARTMENT

	Balance Dec. 31, 1939	Additions 1940	Balance Dec. 31, 1940
Organization	\$ 11,024.28		\$ 11,024.28
Water Collection System, Right of Way	3,143.00		3,143.00
Water Collection System, Diversion Rights	40,400.00		40,400.00
Water Collection System, Impounding Reservoirs ..	194,524.78		194,524.78
Water Collection System, Collection Reservoirs and Intake Wells	51,084.39		51,084.39
Water Collection System, Aqueducts and Supply Mains	407,668.29	\$ 50.00	407,718.29
Purification System, Chem- ical Treatment Plant	2,799.63		2,799.63
Purification System, Water Testing Equipment	31.50		31.50
Pumping System Structures	5,208.85		5,208.85
Pumping System, P u m p s and Pump Equipment ...	12,469.80		12,469.80

Distribution System, Rights of Way	404.00		404.00
Distribution System, Transmission Mains	330.43		330.43
Distribution System, Storage Reserve Tanks, etc. . .	11,994.02		11,994.02
Distribution System, Mains	394,150.45	10,888.21	405,038.66
Distribution System, Fire Hydrants	24,127.07	1,390.34	25,517.41
Distribution System, Fountains	11,107.75		11,107.75
Other General Structures ..	3,329.00		3,329.00
General Office Equipment ..	738.19		738.19
Other General Equipment ..	8,347.68	145.44	8,493.12
Engineering and Superintendence during Construction	33,566.50		33,566.50
Administrative and Legal Expenses during Construction	11,024.28		11,024.28
Interest during Construction	34,065.04		34,065.04
Development Cost	63,913.91		63,913.91
Siloam Property	4,595.00		4,595.00
	<u>\$1,330,047.84</u>	<u>\$ 12,473.99</u>	<u>\$1,342,521.83</u>

WATER DEPARTMENT—CREDIT ACCOUNTS 1940

Metered Water, Light Plant	\$ 618.12	
Metered Water, Fire Houses	124.82	
Market House, Meter Room, and Police Headquarters .	104.17	
Memorial Fountain	311.85	
Comfort Station	300.61	
Borough Farm	16.39	
Disposal Plant	374.46	
Borough Garage	20.04	
Parks and Playgrounds ...	329.40	
East Queen, South Fourth, and Loudon Street Properties	16.50	
	<u> </u>	\$ 2,216.36

Free Water Per Agreement

Penn Hall Farm	\$ 125.47	
Kennedy Farm	13.91	
Childrens' Home (75%) ...	48.45	
Hospital (75%)	310.15	
Salvation Army	11.72	
	<u> </u>	\$ 509.70
		<u>\$ 2,726.06</u>

Note: This amount \$2,726.06 used in Comparative Income Statement as Free Water furnished in 1940.

Free Unmetered Water Furnished the Following in 1940

222 Fire Hydrants at \$15.00, plus 11 added during year	\$	3,367.50	
Sewer Flush Tanks (122)		2,069.12	
Flushing Storm Sewers and Street Work		750.00	
Road Roller and Street Sweeper		25.00	
			\$ 6,211.62

Note: This amount \$6,211.62 does not appear in any other statement.

WATER LIENS

Balance to be collected Jan- uary 1, 1940	\$	1,688.25	
Water Assessments entered as Liens 1940		634.85	
Interest Accrued		232.94	
Costs and Penalty		36.50	
			\$ 2,592.54
Collected during 1940	\$	633.37	
Interest Collected		238.62	
Costs and Penalty Collected		36.50	
Balance to be collected Jan- uary 1, 1941		1,684.05	
			\$ 2,592.54

WATER ASSESSMENTS

Assessments made during 1940	\$	7,659.95	
Interest Accrued		6.51	
			\$ 7,666.46
Collected during 1940	\$	6,075.66	
Interest collected		6.51	
Liens entered 1940		634.85	
Balance to be collected Jan- uary 1, 1941		949.44	
			\$ 7,666.46

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,

Auditors.

HISTORICAL SKETCH OF CHAMBERSBURG ELECTRIC LIGHT DEPARTMENT

On August 29, 1874, the following named persons applied for a Charter to furnish electric current for lighting in the Borough of Chambersburg, under the name of "The Franklin Electric Company":

James McKnight and Agent
B. Frank Gilmore
William McKnight
J. Spoonhour
William Nixon
William Sellers
M. A. Foltz
C. H. Fulwiler

B. M. Nead
Van T. Haulman
Samuel L. Hawbaker
W. Lynn Ritchey
George A. Britsch
D. Alonza Orr
William Orr
John Hart

John A. Orr

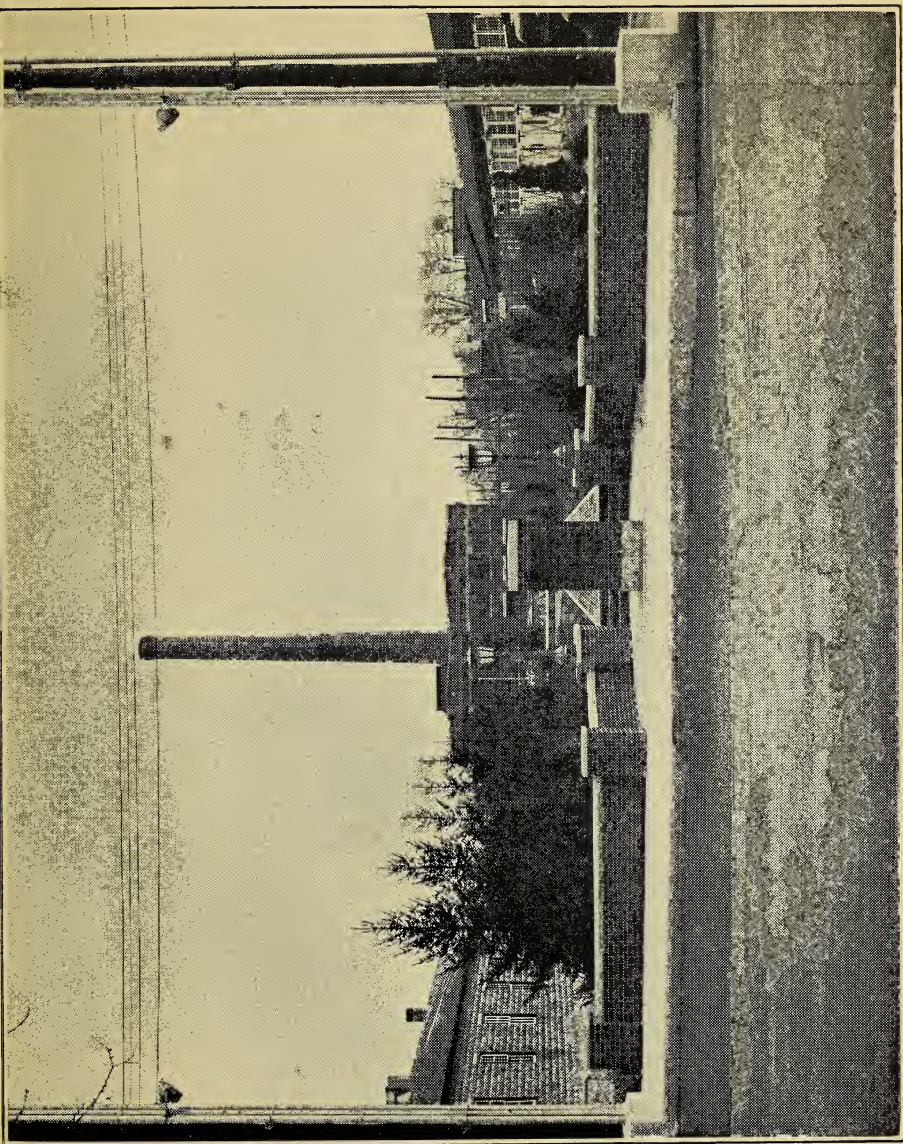
The stock in this Company was stated at \$25.00 a share, but just how much stock was issued is not a matter of record.

There is some doubt as to the year this Company started to furnish current in Chambersburg, but that it was in business in Chambersburg has been established beyond question. How extensive their business was at that time, it is now impossible to state.

The plant consisted of a belt driven generator using a steam traction engine as power, and the equipment was located in the old brick and weatherboard building known as the "Ebersole Building", which stood immediately on the West bank of the Conococheague Creek on the South side of Lincoln Way West, and which has just recently been demolished by the Western Maryland Railway Company. This was the first electric plant that was ever operated in Chambersburg, and certainly could not have stayed in business very long. Some of the citizens of Chambersburg remember distinctly seeing these electric lamps suspended above the streets, and at that time were impressed with the fact that they did not blow out when the wind blew.

In the year 1883 there was constructed, in the shops of the Cumberland Valley Railroad Company, a portable electric light plant which consisted of boiler, steam engine, and one arc lamp generator with a capacity of fifteen 2,000 candle-power open arc lamps. This car operated successfully under the supervision of Charles S. Hull from the very beginning, and in 1884 lighted arc lamps around the Public Square for the Centennial, and this same year lighted the grounds for a baseball game which was played at night. This game was played in a field lying East of Third Street and South of King Street, just about where the Byer Brothers' Green House is located at the present time.

In 1889 this portable electric light plant was rebuilt, under the supervision of Mr. Hull, for a capacity of forty 2,000 candle-power open arc lamps. This plant was frequently used for the lighting of important construction work along the Cumberland Valley Railroad, as well as the lighting of serious wrecks. It was also used for the lighting of the Granger's Picnic Ground at Williams Grove, and many of us recall the lighting of the Mt. Alto Park Grounds. Mr. Hull was a mechanical genius, and one of the beautiful things he created, with his car and an arc lamp, was a fountain which sprayed steam of different colors up above the car roof. Mr. Charles S. Hull will be remembered as a kindly old gentleman, and one of the first to take up seriously the possibility of electric lighting in this section.



MUNICIPAL ELECTRIC LIGHT PLANT—1940

On November 29, 1889, after a vote had been taken by the citizens of Chambersburg to increase the indebtedness of the Borough by an amount not exceeding \$10,000.00 for the purpose of installing an Electric Light Plant to light the streets of the Borough, a contract was placed for the necessary electrical equipment with the Thompson-Houston Electric Light Company at a price of \$9,797.50. This plan was installed solely for furnishing lighting for the streets of the town. The plant was operated from dark in the evenings until twelve o'clock midnight, except on moonlight nights when it was not operated at all.

In 1893, the Borough went into the commercial phase of furnishing current to consumers. It was a far step from this first plant to the present up-to-date efficient plant, and the citizens of Chambersburg are certainly to be congratulated on having had sufficient intelligence to keep this valuable utility for their very own.

AVAILABLE FOR DISTRIBUTION

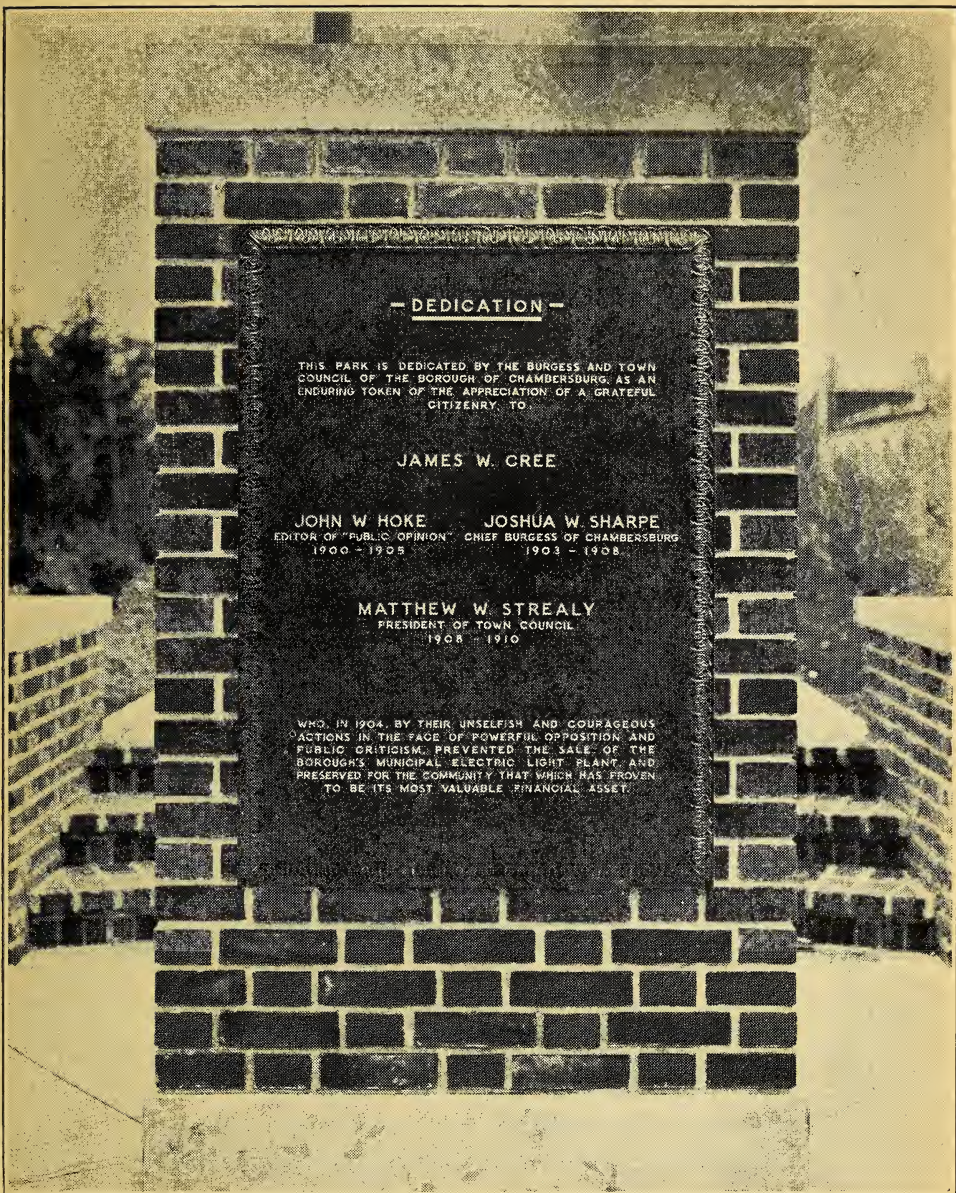
1930—	6,420,232	kilo-watt hours.
1931—	6,206,845	kilo-watt hours.
1932—	5,876,722	kilo-watt hours.
1933—	6,285,080	kilo-watt hours.
1934—	7,253,250	kilo-watt hours.
1935—	7,926,377	kilo-watt hours.
1936—	9,439,105	kilo-watt hours.
1937—	10,472,343	kilo-watt hours.
1938—	10,191,690	kilo-watt hours.
1939—	11,590,400	kilo-watt hours.
1940—	13,729,150	kilo-watt hours.

During the year 1940, the peak load on the Electric Light Plant reached 3,600 kilo-watts, which involved the operation of one—2,500 Kilo-Watt Turbine-Generator, and one—1,000 Kilo-Watt Turbine-Generator. The total generated in kilo-watt hours for the Plant during the year was 14,523,050 kilo-watt hours, or approximately 20% increase in kilo-watt hours generated over the year 1939.

When the trend toward these tremendous increases in output and demands on equipment was noticed, Council authorized the making of the necessary studies, to determine, as nearly as possible, the demands that may be made on the Plant in the near future, in order that such steps as might be necessary could be taken to meet the demands for energy in the future. These studies were started early in 1940, and have consumed a great amount of labor and time. The studies, with all supporting data, are nearly completed, and a final report should be made by the Engineers in the very near future.

The total cash and credits in this Department for 1940 were \$366,770.80, and the total operating and non-operating expenses were \$130,433.80, including \$34,662.95 for depreciation, leaving a total gross profit of \$236,337.00.

Beginning with January 1, 1940, a Standard Public Utilities Accounting and Bookkeeping System was installed for this Department, which involved the making of an appraisal. The Reproduction Value New, less Accrued Depreciation, as of December 31, 1940, was \$672,637.76.



— DEDICATION —

THIS PARK IS DEDICATED BY THE BURGESS AND TOWN
COUNCIL OF THE BOROUGH OF CHAMBERSBURG, AS AN
ENDURING TOKEN OF THE APPRECIATION OF A GRATEFUL
CITIZENRY, TO

JAMES W. CREE

JOHN W. HOKE JOSHUA W. SHARPE
EDITOR OF "PUBLIC OPINION" CHIEF BURGESS OF CHAMBERSBURG
1900 - 1908 1903 - 1908

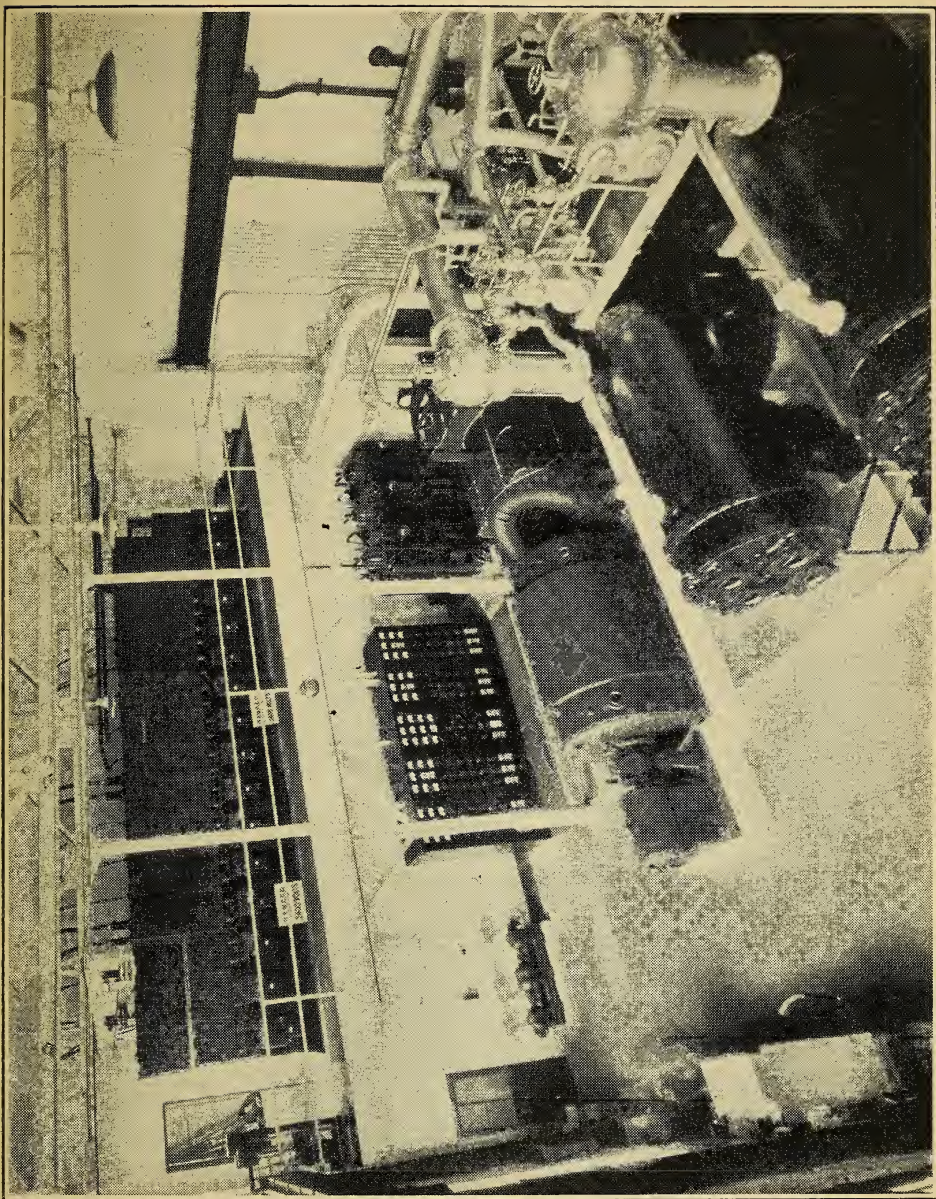
MATTHEW W. STREATLY
PRESIDENT OF TOWN COUNCIL
1908 - 1910

WHO, IN 1904, BY THEIR UNSELFISH AND COURAGEOUS
ACTIONS IN THE FACE OF POWERFUL OPPOSITION AND
PUBLIC CRITICISM, PREVENTED THE SALE OF THE
BOROUGH'S MUNICIPAL ELECTRIC LIGHT PLANT AND
PRESERVED FOR THE COMMUNITY THAT WHICH HAS PROVEN
TO BE ITS MOST VALUABLE FINANCIAL ASSET.

BRONZE TABLET AT ELECTRIC LIGHT PLANT

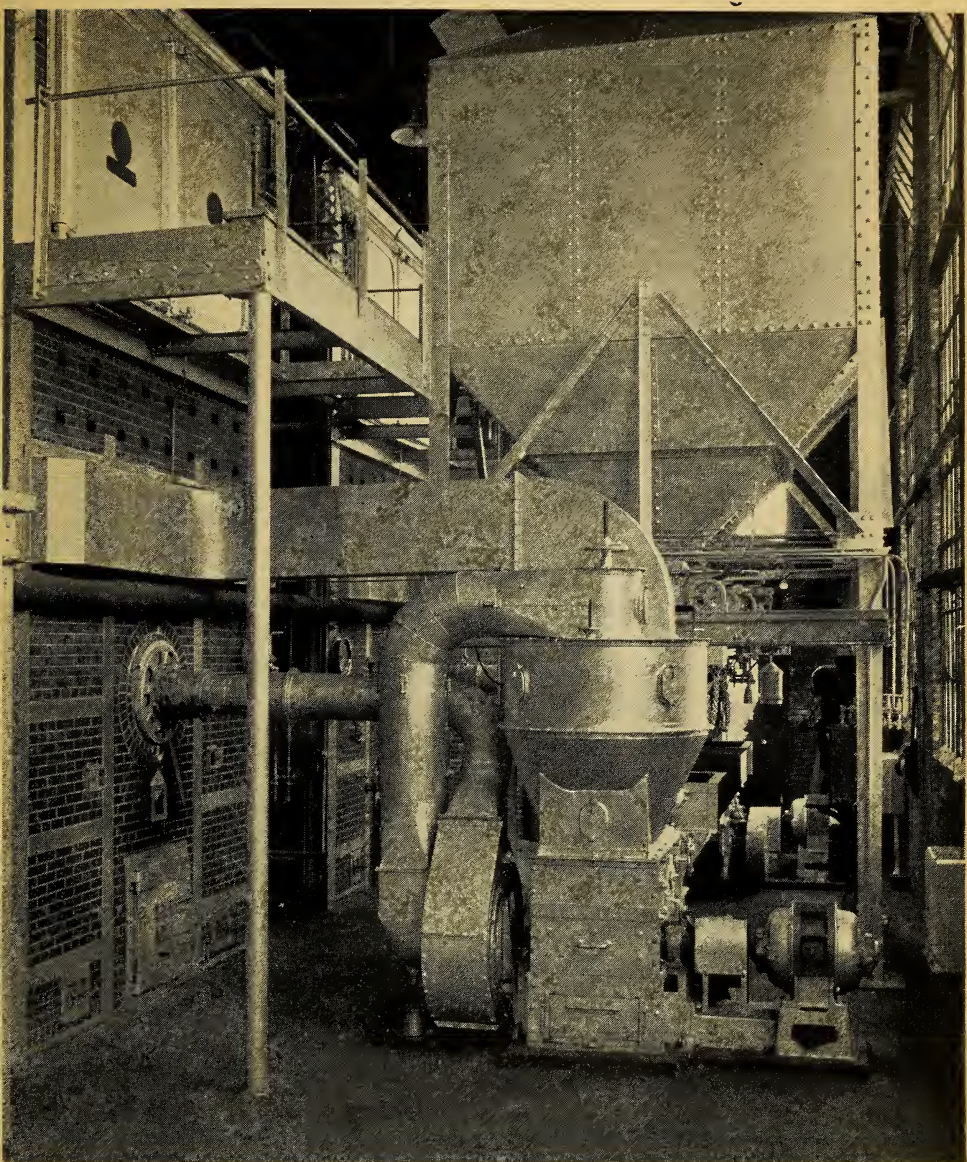
**PHYSICAL DATA ON BOROUGH OF CHAMBERSBURG—ELECTRIC
LIGHT DEPARTMENT—1940**

Population of Chambersburg—1940	15,000
Number of Light and Power Consumers	5,115
K. W. Hrs. Generated	14,523,050
K. W. Hrs. Used by Station Auxiliaries	793,900
K. W. Hrs. Available for Distribution	13,729,150
K. W. Hrs. Increase over 1939	2,138,750
K. W. Hrs. Furnished to Street Arc Lamps	243,500
K. W. Hrs. Furnished to Street Incandescent Lamps	336,960
K. W. Hrs. Furnished to Disposal Plant	105,372
K. W. Hrs. Furnished to Office Building	17,161
K. W. Hrs. Furnished to Fire Department	20,695
K. W. Hrs. Furnished to Street Department Municipal Garage	4,123
K. W. Hrs. Furnished to Police Headquarters and Police Booth on Square	5,246
K. W. Hrs. Furnished to Public Comfort Station	7,151
K. W. Hrs. Furnished to Christmas Decorations on Square	1,390
K. W. Hrs. Furnished to Traffic Signals	15,335
K. W. Hrs. Furnished to Friendship Christmas Lighting	467
K. W. Hrs. Furnished to Friendship Block Party	273
K. W. Hrs. Furnished to Buchanan Block Party	54
K. W. Hrs. Furnished to Junior Christmas Lighting	191
K. W. Hrs. Furnished to Good Will Christmas Lighting	698
K. W. Hrs. Furnished to Good Will Block Party	683
K. W. Hrs. Furnished to Franklin Block Party	213
K. W. Hrs. Furnished to Franklin Christmas Lighting	709
K. W. Hrs. Furnished to C. V. Christmas Lighting	148
K. W. Hrs. Furnished to C. V. Block Party	238
K. W. Hrs. Furnished to Fifth Ward Playground Block Party	120
K. W. Hrs. Furnished to Stevens Playground Festival	16
K. W. Hrs. Furnished to Henninger Field	340
K. W. Hrs. Furnished to Community Band Concerts	24
K. W. Hrs. Furnished to Light Plant—Fire Alarm Battery	386
K. W. Hrs. Furnished to Light Plant—Storage Shed	77
K. W. Hrs. Furnished to Fifth Ward Playground	10
K. W. Hrs. Furnished to White Way — Flood Lights on Square	40,291
K. W. Hrs. Furnished to "The Park of the Valiant"	1,736
K. W. Hrs. Furnished to American Red Cross	48
K. W. Hrs. Furnished to Residential Light Consumers	2,784,698
K. W. Hrs. Furnished to Commercial Light Consumers ...	2,476,104
K. W. Hrs. Furnished to Power Consumers	6,433,935
Total K. W. Hrs. Sold to All Consumers	11,694,737
K. W. Hrs. Furnished Free	803,655
Total K. W. Hrs. Sold or Furnished Free	12,498,392



NEW 2500 K. W. TURBO-GENERATOR. NEW SWITCH GEAR, NEW CONTROLBOARD,
AND CARRIER CURRENT EQUIPMENT. INSTALLED 1938.

Total K. W. Hrs. Lost in Distribution	1,230,758
Percent Lost in Distribution	8.9%
Total Number of Active Residential Light Consumers — January 1, 1941	4,005
Total Number of Active Commercial Light Consumers — January 1, 1941	858
Total Number of Active Power Consumers — January 1, 1941	252
Total Number of All Active Consumers	5,115
Amount Paid by Residential Light Consumers	\$119,729.22
Amount Paid by Commercial Light Consumers	\$ 99,466.23
Amount Paid by Power Consumers	\$102,095.67
Total Paid by All Consumers	\$321,291.12
Amount Received from Sale of Lamps, Miscellaneous	\$ 3,803.49
Amount Received from Jobbing Work	\$ 734.60
Amount Received from Penalties Imposed	\$ 82.35
Amount Received from Interest on Consumers' Deposits ..	\$ 395.17
Amount Received from Material Returned	\$ 217.90
Amount Received from Sale of Scrap	\$ 211.81
Amount Received from Assessments — Coldbrook Avenue Ornamental Lighting	\$ 78.05
Amount Received from Miscellaneous Sources	\$ 74.27
Total Cash Received from All Sources	\$326,888.76
Credit for Light, Power, Supplies Furnished Other Depart- ments Free	\$ 39,882.04
Total Cash Received from All Sources and Credit	\$366,770.80
Increase in Receipts from Residential Light over 1939	\$ 11,364.73
Increase in Receipts from Commercial Light over 1939	\$ 10,118.60
Increase in Receipts from Power over 1939	\$ 14,014.33
Increase in K. W. Hrs. Furnished for Light over 1939 ...	642,652
Increase in K. W. Hrs. Furnished for Power over 1939 ...	1,396,991
K. W. Hrs. Sold per Consumer per Year — Residential Light	695
K. W. Hrs. Sold per Consumer per Year — Commercial Light	2,885
K. W. Hrs. Sold per Consumer per Year — Power	25,531
K. W. Hrs. Sold per Capita per Year—Residential Light ..	185
K. W. Hrs. Sold per Capita per Year—Commercial Light ..	165
K. W. Hrs. Sold per Capita per Year—Power	428
Received per Consumer per Year—Residential Light	\$ 29.89
Received per Consumer per Year—Commercial Light	\$ 115.92
Received per Consumer per Year—Power	\$ 405.14
Received per Capita per Year—Residential Light	\$ 7.98
Received per Capita per Year—Commercial Light	\$ 6.63
Received per Capita per Year—Power	\$ 6.80
Average Price Paid per K. W. H. including Minimum Charge —Residential Light	4.29 cents



BOILER ROOM, MUNICIPAL ELECTRIC LIGHT PLANT—1940

Average Price Paid per K. W. H. including Minimum Charge	
—Commercial Light	4.01 cents
Average Price Paid per K. W. H. including Minimum Charge	
—Power	1.58 cents
Total Amount of Bills Rendered Net	\$326,896.94
Total Amount of Bills Collected Net	\$326,888.76
Loss in Bad Accounts	\$ 8.18
Percentage Lost in Bad Accounts .....	.0025%

RATES FOR ELECTRIC CURRENT

Residential Lighting

		Rate per K. W. H.
First	40 K. W. Hrs. used per Month	5.4 cents
Next	60 K. W. Hrs. used per Month	4.0 cents
Next	100 K. W. Hrs. used per Month	3.0 cents
All over	200 K. W. Hrs. used per Month	2.0 cents

Residential Lighting Where Ranges or Refrigerators Are in Service

		Rate per K. W. H.
First	30 K. W. Hrs. used per Month	5.4 cents
Next	60 K. W. Hrs. used per Month	3.6 cents
Next	100 K. W. Hrs. used per Month	2.7 cents
All over	190 K. W. Hrs. used per Month	1.8 cents

Commercial Lighting

		Rate per K. W. H.
First	75 K. W. Hrs. used per Month	5.8 cents
Next	350 K. W. Hrs. used per Month	4.9 cents
Next	1,500 K. W. Hrs. used per Month	3.1 cents
All over	1,925 K. W. Hrs. used per Month	2.0 cents

Minimum Charges

All of the above rates are subject to a monthly Minimum Charge of seventy-five (\$.75) cents for each kilo-watt, or fraction thereof, of connected load, with the exception, however, that in computing the capacity of all electric ranges, the capacity of the largest element of the range shall be used for determining the monthly Minimum Charge, but in no event will a monthly Minimum Charge on any range be less than \$2.00 per month.

Discount

The above energy rates are subject to a discount of ten (10%) per cent, if bills are paid at the office of the Clerk of the Town Council, on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

Secondary Power

					Rate per K. W. H.
First	500	K. W. Hrs. used	per Month	.....	2.7 cents
Next	1,500	K. W. Hrs. used	per Month	.....	1.8 cents
Next	3,000	K. W. Hrs. used	per Month	.....	1.62 cents
Next	5,000	K. W. Hrs. used	per Month	.....	1.44 cents
All over	10,000	K. W. Hrs. used	per Month	.....	1.26 cents

Minimum Charges

Minimum Charges on motor installations for Secondary Power purposes shall be as follows:

1st Motor Installed	.....	\$1.25	per H. P. Installed	per Month
2nd Motor Installed	.....	\$1.00	per H. P. Installed	per Month
3rd Motor Installed	.....	\$ .90	per H. P. Installed	per Month
4th Motor Installed	.....	\$ .80	per H. P. Installed	per Month
5th Motor Installed	.....	\$ .70	per H. P. Installed	per Month
6th Motor Installed	.....	\$ .60	per H. P. Installed	per Month
All over Six Motors Installed	..	\$.50	per H. P. Installed	per Month

Primary Light and Power

					Rate per K. W. H.
First	10,000	K. W. Hrs. used	per Month	.....	1.44 cents
Next	20,000	K. W. Hrs. used	per Month	.....	1.26 cents
Next	40,000	K. W. Hrs. used	per Month	.....	1.08 cents
All over	70,000	K. W. Hrs. used	per Month	.....	0.81 cents

Discount

The above energy rates are subject to a discount of ten (10%) per cent, if bills are paid at the office of the Clerk of the Town Council, on, or before, the 20th of the Month following that for which the bill was rendered.

Demand Charges

Demand charges shall be determined and billed monthly, based on the highest registration during the Month of a demand meter having a 15 minute interval, and shall be as follows:

First	200	K. W. of Demand	per Month	\$1.50	per K. W.
All over	200	K. W. of Demand	per Month	\$1.00	per K. W.

Power Factor Clause

When the average power factor is found to be lower than eighty (80%) per cent, the monthly kilo-watt Demand shall be corrected and determined as follows: Kilo-watt Demand as measured, divided by average power factor of load, multiplied by allowable power factor of eighty (80%) per cent.

Primary Light and Power

Energy Rates

First Block	1.35 cents per K. W. Hr.
Second Block	1.17 cents per K. W. Hr.
Third Block	1.00 cents per K. W. Hr.
Fourth Block	0.50 cents per K. W. Hr.

The kilo-watt hours to be billed for under Blocks No. 1, No. 2, and No. 3, will be determined by multiplying the "ON STATION PEAK DEMAND" of the customer by 70.

The kilo-watt hours to be billed for under Block No. 4 will be the difference between the total kilo-watt hours billed for under Blocks No. 1, No. 2, and No. 3, and the total kilo-watt hours consumed during the Month.

Discount

The above Energy Rates are subject to a discount of ten (10%) per cent, if the bills are paid at the office of the Clerk of the Town Council on, or before, the 20th of the Month following that for which the bill was rendered.

Determination of Demand

For the purpose of application of this rate, the hours of "STATION PEAK" will be from 7:00 A. M. to 6:00 P. M. on all week days except Saturdays, when it will be from 7:00 A. M. to 12:00 Noon. On Sundays and holidays, there will be no "STATION PEAK" period.

The Demand will be determined by means of a Graphic Demand Meter. The maximum monthly "Demand" to be used for "Billing Demand" will be the highest corrected 15 minute kilovolt Ampere Demand occurring across, or during, the "STATION PEAK". Demands occurring across, or during, "STATION OFF PEAK" will not be billed for.

The Demand as indicated by the Graphic Demand Meter will be subject to corrections for Power Factor as follows:

Indicated Kilo-watt Demand divided by the Average Power Factor of Load, and multiplied by allowable Power Factor of eighty (80%) per cent.

Corrected Demand will be billed for as follows:

First 200 Kilovolt Amperes of Demand per Month	\$1.50 per K. V. A.
All over 200 Kilovolt Amperes of Demand per Month	\$1.00 per K. V. A.

Discount

The Demand Charges are not subject to discount, but if not paid on, or before, the 20th of the Month following the Month for which the bill was rendered, a ten (10%) per cent penalty shall be added.

The charges to the customer under this schedule will not be subject to rebate on account of cost of fuel delivered to the Electric Light Plant.

Minimum Charges

The monthly Minimum Charge under these rates will be \$3.00 per kilovolt ampere of Corrected Demand.

The annual Minimum Charge under these rates shall not be less than \$10.00 per kilo-watt of connected load.

The service furnished under this schedule will be approximately 2,300 volt, 3 phase, 60 cycle current, and metering will be done on the primary side of the customer's transformers. The customer will furnish, mount, and maintain the necessary distribution transformers, and also furnish, install, and maintain a suitable weather-proof metal metering cabinet. The Chambersburg Electric Light Department will furnish, install, and maintain all metering devices, including instrument transformers.

This rate is available to all industrial light and power customers who have a "Corrected Demand" of 100 kilovolt amperes, or over.

Off Peak Electric Water Heating

Rate per
K. W. H.

Energy Rate per K. W. Hr. per Month 1.0 cent

Minimum Charge

This rate is subject to a monthly Minimum Charge of seventy-five (\$0.75) cents per kilo-watt of heater capacity, based on largest heating unit.

Discount

The above Energy Rate is subject to a discount of ten (10%) per cent, if bills are paid on, or before, the 20th of the Month following that for which the bill was rendered. Minimum Charges are not subject to discount.

This rate applies only to a restricted service for residential and commercial water heating.

This rate is available only to residential and commercial consumers who are accessible to the distributing system of the Borough of Chambersburg Electric Light Department.

The supply of service under this schedule shall be limited to operating periods aggregated not more than twelve hours in each day, or from 9:00 P. M. to 7:00 A. M. the following morning, and from 12:00 Noon to 2:00 P. M. This period may, at the option of the Borough, be further restricted or extended.

Service under this schedule is available only for water heaters of not more than 3,000 watts capacity, which shall be furnished, installed, and connected up by the consumer. The Borough of Chambersburg Electric Light Department will furnish a suitable device for automatically restricting the supply of current to those hours which the Borough may designate.

This service will be supplied through a separate integrating watt-hour meter and no other appliances other than the water heater shall be connected to this service. Service will be supplied at either 220 volts

or 110 volts single, or three phase, at the option of the Borough of Chambersburg Electric Light Department.

Water heaters, and all devices connected therewith or appurtenant thereto, shall be so designed and constructed that they will not, under any circumstances, cause radio interference by their operation. In the event that any of the equipment does cause radio interference by reason of its operation, the Borough shall discontinue furnishing current to the installation in which the particular radio interference originates, until such time as new equipment is installed, or the old equipment corrected for radio interference. Water heaters must be controlled automatically so that, under no circumstances, shall both heating elements operate at the same time.

GENERAL REGULATIONS

Minimum Charges

Minimum Charges and Demand Charges under the different classes of service are not subject to discount, but if they are not paid on, or before, the 20th of the Month following the Month for which the service was rendered, a ten (10%) per cent penalty shall be added.

Lamps, Supplies, Etc.

All bills rendered by the Borough of Chambersburg Electric Light Department, except those rendered for electric energy, are not subject to discount, but if not paid on, or before, the 20th of the Month following the Month for which the bill was rendered, a penalty of ten (10%) per cent shall be added.

Deposits

All consumers applying for, or using, any class of service in properties which they cannot establish ownership shall make a cash deposit with the City Clerk in amount equal to the estimated bills for the service to be supplied in any two consecutive Months. The Borough may at any time require that the deposit be increased to cover two Months' consumption based on the amount of the highest Month's billing. The amount of the deposit may be reduced, upon request of the consumer, to an amount sufficient to cover the maximum amount of the billing for any two consecutive Months during the preceding year.

There are at the present time 43 electric water heaters in service in Chambersburg, which are working out entirely satisfactory. The refrigerator load has developed very rapidly during 1940, there being at the present time 2,045 domestic refrigerators in service. The electric range work is progressing in a very satisfactory manner, there being at the present time 207 electric ranges in service.

BALANCE SHEET
ELECTRIC LIGHT DEPARTMENT

Assets

Fixed Capital

Fixed Capital Installed	\$1,020,176.60	
		\$1,020,176.60

Funds and Special Deposits

Sinking Fund Assets	\$ 107,588.86	
Consumers' Deposits	25,128.90	
		132,717.76

Current Assets

Cash (Borough Treasurer's Account)	\$ 69,114.64	
Accounts Receivable from Consumers	49,821.09	
Other Accounts Receivable (Water Department)	23,203.95	
Material and Supplies	8,345.37	
		150,485.05
		\$1,303,379.41

Liabilities

Net Worth Electric Light Department including Earned Surplus	\$ 934,415.64	
		\$ 934,415.64

Current Liabilities

Consumers' Deposits	\$ 22,999.93	
		22,999.93

Reserves

Reserve for Renewals and Replacements	\$ 345,963.84	
		345,963.84
		\$1,303,379.41

RECAPITULATION NET WORTH, INCLUDING SURPLUS

Balance beginning of year January 1, 1940	\$ 856,084.52		
Additions			
Free Water from Water Department	\$ 857.56		
Contributions (Residents of Coldbrook Avenue)	74.97		
Net Income for year 1940 ..	241,548.63		
		<u>\$1,098,565.68</u>	
Deductions			
Contributions to Borough General Fund	\$ 125,000.00		
Free Electricity to Borough	39,150.04		
		<u>164,150.04</u>	
			<u>\$ 934,415.64</u>

OPERATING REVENUE AND EXPENSE STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues

Metered Sales for Domestic Lighting	\$ 132,894.92		
Metered Sales for Other Private Lighting	108,825.47		
Metered Sales for Domestic Power	112,016.88		
Metered Sales to Other Electric Utilities	7,051.60		
Metered Sales for Other Municipal Lighting	4,707.50		
Metered Sales for Municipal Power	2,070.92		
Unmetered Sales for Municipal Street Lighting	32,371.62		
Consumers' Discounts Forfeited and Penalties Imposed	82.35		
		<u>\$ 400,021.26</u>	
Discounts and Allowances to Consumers		35,018.02	
Total Operating Revenues .			<u>\$ 365,003.24</u>

Operating Expenses

Generating System Expenses

Operating Labor	\$ 19,565.12
Fuel	43,999.85
Water	857.56
Lubricants	57.83

Boiler Plant Supplies and Expenses	453.80	
Other Supplies and Expenses	166.47	
Maintenance of Generating System Structures	820.14	
Maintenance of Steam Power Equipment	2,563.15	
Maintenance of Electric Equipment	1,085.53	
Total Generating System Expenses		\$ 69,569.45

Distribution System Expenses

Operating Labor	\$ 2,041.67	
Supplies and Expenses Overhead and Underground System	657.05	
Other Supplies and Expenses	8.24	
Maintenance of Structures	762.78	
Maintenance of Overhead Equipment	3,738.21	
Maintenance of Underground Equipment	36.54	
Maintenance of Services	49.65	
Maintenance of Transformers	502.22	
Maintenance of Meters	2,008.19	
Total Distribution System Expenses		\$ 9,804.55

Utilization System Expenses

Operating Labor	\$ 505.00	
Municipal Street Arc and Incandescent System Supplies and Expenses	793.57	
Maintenance of Municipal Street Arc and Incandescent System	1,053.79	
Total Utilization System Expenses		\$ 2,352.36

General Expenses

General Administrative Salaries	\$ 7,123.54	
Salaries of Meter Readers	1,081.49	
General Administrative Supplies	703.51	
General Officers' and Clerks' Expenses	22.95	
Other General Administrative Expenses	223.00	
Garage Supplies and Expenses	223.46	

Shop and Laboratory Supplies and Expenses	19.40		
Insurance	986.90		
Maintenance of General Equipment	373.02		
Depreciation	34,662.95		
Total General Expenses ...		\$ 45,420.22	
Total Operating Expenses .			\$ 127,146.58

CONDENSED INCOME PROFIT AND LOSS STATEMENT ELECTRIC LIGHT DEPARTMENT

Operating Revenues	\$ 365,003.24
--------------------------	---------------

Operating Expenses

Generating System Operating Expenses	\$ 69,569.45		
Distribution System Operating Expenses	9,804.55		
Utilization System Operating Expenses	2,352.36		
General Administrative Expenses	9,154.49		
Other General Expenses ...	36,265.73		
Total Operating Expenses .		\$ 127,146.58	\$ 127,146.58

Operating Income	\$ 237,856.66
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Non-Operating Revenues (Includes Interest Revenues)	\$ 7,374.20		
Non-Operating Expenses ...	3,287.22		
Non-Operating Income			4,086.98

Gross Income	\$ 241,943.64
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Gross Income Deductions

Interest	\$ 395.01
Net Income	\$ 241,548.63

Net Income Deductions

Free Electricity Furnished Borough	\$ 39,150.04
Balance of Net Income	\$ 202,398.59

ELECTRIC LIGHT DEPARTMENT
ANALYSIS OF FIXED CAPITAL

Account	Balance Jan. 1, 1940	Additions and Retirements	Balance Dec. 31, 1940
Organization	\$ 7,605.25		\$ 7,605.25
Generating System, Land .	21,890.55	\$ -7.00	21,883.55
Generating System, Power Plant Structures	45,405.48	12.27	45,417.75
Generating System, R a i l - road Sidings and Trestles	6,067.16		6,067.16
Generating System, Boiler Plant Equipment	124,149.90	22.18	124,172.08
Generating System, Turbo- Generators	300,534.50		300,534.50
Generating System, Other Electric Equipment	80,231.03		80,231.03
Generating System, C o a l Storage and Weighing Equipment	16,645.42		16,645.42
Generating System, Other Power Plant Equipment .	3,146.97	396.35	3,543.32
Transmission System, Over- head Conductors	44.88		44.88
Distribution System, Poles and Fixtures	37,636.50	595.06	38,231.56
Distribution System, Over- head Conductors	44,828.47	3,435.12	48,263.59
Distribution System, Over- head Transformers	39,367.26	8,425.18	47,792.44
Distribution System, Over- head Transformer Instal- lation	6,180.61	86.72	6,267.33
Distribution System, Over- head Services	20,184.88	286.32	20,471.20
Distribution System, Under- ground Conduits	1,183.69		1,183.69
Distribution System, Under- ground Conductors	13,782.02		13,782.02
Distribution System, Under- ground Transformers ...	605.25		605.25
Distribution System, Under- ground Transformer Instal- lation	82.93		82.93
Distribution System, Under- ground Services	7.81		7.81
Distribution System, Meters	45,631.30	1,603.75	47,235.05
Distribution System, Meter Installations	6,928.77	591.41	7,520.18
Utilization System, C o m - mercial Arc System	2.16		2.16
Utilization System, Municip- al Street Arc System ..	18,535.38		18,535.38

Utilization System, Municipal Street Incandescent System	47,838.95	3,045.68	50,884.63
Other General Land	600.00		600.00
Other General Structures ..	2,590.00		2,590.00
Other General Equipment ..	1,104.39	2.70	1,107.09
General Store Equipment ..	184.22		184.22
General Shop Equipment ..	277.40		277.40
General Garage Equipment ..	3,285.83	3,043.95	6,329.78
General Laboratory Equipment	1,160.18		1,160.18
General Tools and Equipment	572.19	40.20	612.39
Engineering and Superintendence during Construction	24,025.55		24,025.55
Administrative and Legal Expenses during Construction	7,605.25		7,605.25
Interest during Construction	23,555.35		23,555.35
Development Cost	45,119.23		45,119.23
	<u>\$ 998,596.71</u>	<u>\$ 21,579.89</u>	<u>\$1,020,176.60</u>

ELECTRIC LIGHT DEPARTMENT—SINKING FUND

Balance in Sinking Fund (Four Banks) January 1, 1940	\$ 55,380.49	
Transfer from Electric Light Department	38,400.00	
Transfer from Water Department	12,442.32	
Interest Received (Four Banks)	1,366.05	
	<u> </u>	\$ 107,588.86
Balance in Hand of Treasurer January 1, 1941		\$ 107,588.86

FREE LIGHTING AND POWER USED IN BOROUGH DURING 1940

Light

Public Comfort Station	\$ 325.09
Traffic Signals	863.70
Street Lighting on Square ..	1,215.19
Police Headquarters and Police Booth on Square	267.84
City Hall	558.17
City Hall Water Heater ..	23.50
Friendship Fire Company ..	226.98
Junior Fire Company	201.88
Good Will Fire Company ..	305.14
Franklin Fire Company	227.68
Cumberland Valley Fire Company	74.00

Municipal Garage	130.30	
Henninger Field	6.00	
Light Plant, Storage Shed .	9.55	
Light Plant, Fire Alarm Battery	22.58	
Park of the Valiant	94.26	
Disposal Plant	76.45	
Disposal Plant, Settling Pump House	9.00	
Disposal Plant, Control and Tool House	9.00	
Disposal Plant, Pump House	52.21	
American Red Cross	5.23	
Fifth Ward Playground ...	3.75	
		\$ 4,707.50

Power

Franklin Fire Company ...	\$ 60.60	
Municipal Garage	70.72	
Disposal Plant	1,335.89	
Disposal Plant, Final Settling Pump House	469.79	
Disposal Plant, Control and Tool House	133.92	
		2,070.92
Arc Lighting of Streets ...	\$ 7,071.60	
Incandescent Lighting of Streets	25,300.02	
		32,371.62
Total		\$ 39,150.04
In addition, Credit Account Labor at Plant — Fire Alarm Batteries, 366 @ \$2.00	\$ 732.00	

ELECTRIC LIGHT LIENS

Balance to be collected Jan- uary 1, 1940	\$ 26.38
Balance to be collected Jan- uary 1, 1941	\$ 26.38

ORNAMENTAL STREET LIGHTING ASSESSMENTS

Balance to be collected Jan- uary 1, 1940	\$ 142.75	
Interest Accrued	1.07	
		\$ 143.82
Collected during 1940	\$ 49.57	
Entered as Liens during 1940	93.18	
Interest Collected	1.07	
		\$ 143.82

ORNAMENTAL STREET LIGHTING LIENS

Liens entered during 1940 .	\$	93.18	
Interest Accrued		1.08	
			\$ 94.26
Collected during 1940	\$	24.33	
Interest Collected		1.08	
Balance to be collected January 1, 1941		68.85	
			\$ 94.26

STATEMENT OF ASSETS AND LIABILITIES OF THE BOROUGH OF CHAMBERSBURG AS OF JANUARY 1, 1941

Cash in Treasurer's Hands, General Borough	\$	5,368.38	
Cash in Treasurer's Hands, Water Department		4,812.62	
Cash in Treasurer's Hands, Light Department		69,114.64	
Cash in Treasurer's Hands, Light Department Sinking Fund		107,588.86	
Cash in Treasurer's Hands, Bond Department		14,628.71	
Cash in Treasurer's Hands, Bond Department Sinking Fund		4,308.61	
Cash in Treasurer's Hands, Borough Fire Fund		44,944.17	
Cash in Collector's Hands, Electric Light Consumer's Deposit Account		25,128.90	
			\$ 275,894.89

	<i>Borough</i>	<i>Bond</i>	<i>Borough and Bond</i>	
Tax Duplicate, 1928-1929			\$	202.62
Tax Duplicate, 1940-1941	\$ 904.48	\$ 2,811.16		
	\$ 904.48	\$ 2,811.16	\$ 202.62	\$ 3,918.26
Investments Borough Fire Fund			\$	5,000.00
Unpaid Tax Liens			\$	6,398.01
Unpaid Paving Liens				2,034.04
Unpaid Sewer Assessments				91.30
Unpaid Sewer Liens				8,270.21
Unpaid Water Liens				1,684.05
Unpaid Water Assessments				949.44
Unpaid Electric Light Current Liens				26.38
Unpaid Ornamental Street Lighting Liens				68.85
Unpaid Taxes Accepted for Liens				2,155.82
			\$	21,678.10
Water Department Current Assets, Less Cash in Treasurer's Account			\$	16,032.70
Light Department Current Assets, Less Cash in Treasurer's Account				58,166.46

Value of Water Distributing System	1,173,071.24
Value of Light Plant and Distribution System	672,637.76
Value of Disposal Plant and Main Trunk System	324,650.00
Value of Lateral Sewers	260,588.00
Value of Fire Houses and Apparatus	157,100.00
Value of Office Building, Market House ..	55,856.00
Value of Police Headquarters	10,000.00
Value of Henninger Field	19,000.00
Value of Street Department, Storage House and Equipment	27,096.00
Value of Fourth Street Properties	3,000.00
Value of Lot on South Third Street	1,000.00
Value of Lots, Loudon Street	1,500.00
Value of Lots on Water Street to be Converted Into Parking Lot	2,500.00
Value of Public Comfort Station	5,500.00
	<hr/>
	\$3,094,189.41

Liabilities

4½ % Improvement Bonds of 1912, Issued August 31, 1912, Due September 1, 1942, Total Issue	\$ 50,000.00
Bonds Redeemed and Cancelled 1932	\$ 5,000.00
Bonds Redeemed and Cancelled 1933	6,500.00
Bonds Redeemed and Cancelled 1934	5,000.00
Bonds Redeemed and Cancelled 1935	5,000.00
Bonds Redeemed and Cancelled 1936	5,000.00
Bonds Redeemed and Cancelled 1937	5,000.00
Bonds Redeemed and Cancelled 1938	5,000.00
Bonds Redeemed and Cancelled 1939	5,000.00
Bonds Redeemed and Cancelled 1940	5,000.00
	<hr/>
	46,500.00
Balance Outstanding	<hr/>
	\$ 3,500.00
3% Improvement and Refunding Bonds, Issued December 1, 1935	\$ 150,000.00
Bonds Redeemed and Cancelled 1936	\$ 7,000.00
Bonds Redeemed and Cancelled 1937	14,000.00
Bonds Redeemed and Cancelled 1938	11,000.00

Bonds Redeemed and Cancelled 1939	11,000.00		
Bonds Redeemed and Cancelled 1940	12,000.00		
		\$ 55,000.00	
Balance Outstanding			\$ 95,000.00
2% Improvement Bonds, Issued September 1, 1938		\$ 145,000.00	
Bonds Redeemed and Cancelled 1940	\$ 24,000.00		
		24,000.00	
Balance Outstanding			\$ 121,000.00

The above balances are the present actual indebtedness of The Burgess and Town Council of the Borough of Chambersburg created without the authority of the vote of electors thereof.

Electric Light Consumers' Deposit Account	\$ 25,128.90
Assets in Excess of Liabilities	2,849,560.51
	<u>\$3,094,189.41</u>

HARRY R. GEARHART,
ALBERT S. HENNEBERGER,
HERBERT C. KEEFER,
Auditors.

COMPARISON OF TAX LEVY, BONDED DEBT, ETC., FOR YEAR 1940

Borough	Popula- tion	Assessed Valuation	Tax Rate (Mills)	Taxes Levied for Borough and Bond Purposes	Taxes Paid Per Capita	Bonded Debt (Less Sink- ing Fund)	Net Debt Per Capita
Berwick	13,170	\$ 7,866,655	11	\$ 84,553.21	\$ 7.16	\$120,406.29	\$ 9.14
*Cannonsburg	13,000	6,648,065	17	113,017.00	8.69	198,000.00	15.23
*Carnegie	12,500	10,146,997	14	142,057.95	11.36	107,821.79	8.62
*Donora	15,000	11,219,850	13	145,858.05	9.72	304,222.96	20.28
*Dormont	13,190	17,152,535	10	171,525.00	13.00	722,872.00	54.80
Lewistown	12,785	7,034,110	10	70,341.10	5.51	143,180.96	11.19
*Munhall	12,995	20,102,850	11	221,131.00	17.01	785,000.00	60.40
*Steeltown	13,000	8,117,615	12	97,411.38	7.50	209,000.00	16.07
Warren	14,863	11,259,952	16	180,159.23	12.12	134,751.00	9.07
Carlisle	13,984	11,593,055	8	92,744.44	6.06	529,000.00	37.81
*Shippensburg	4,345	2,748,060	8.5	23,359.00	6.37	170,308.00	39.19
Waynesboro	10,212	5,856,627	13	76,136.55	7.37	355,628.00	34.82
Chambersburg	15,000	8,214,003	4	32,856.00	2.19	215,191.39	14.35

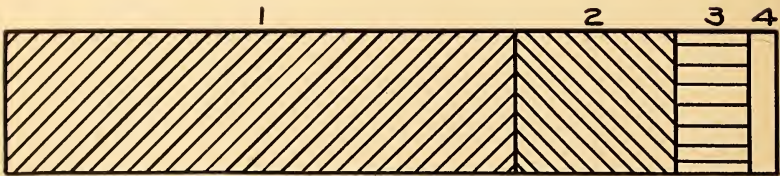
The information for the above Tabulation was obtained from the individual Boroughs themselves, and is for the year 1940, except where noted (*), which figures are for the year 1938. It shows the rather enviable position your Borough occupies, as compared with other Boroughs of approximately the same size distributed over the entire State.

GOVERNMENTAL TAXES PAID BY CITIZENS OF CHAMBERSBURG

Stated in Mills

For Public School Purpose	21 Mills
For County and Institutional Purpose	6 Mills
For Borough Bond Purpose	3 Mills
For General Borough Purpose	1 Mill

WHERE A TAX DOLLAR GOES TO



(1) Public Schools Receive	67.75 cents out of each tax dollar
(2) State and County Receives	19.35 cents out of each tax dollar
(3) Borough Bond Purpose Receives ..	9.68 cents out of each tax dollar
(4) General Borough Purpose Receives	3.22 cents out of each tax dollar
Borough Purposes—Taxes 1 Mill Levied, 1940	\$8,214.00
Borough Purposes—Taxes Levied, 1940 per Capita .	\$8,214.00
	<div style="text-align: right;">15,000 = .548</div>

VALUE OF SERVICES RECEIVED FOR \$1.00 OF BOROUGH TAXES LEVIED 1940

	Costs	Taxes Levied for Borough Purposes
Borough Administration ...	\$ 48,515.55	divided by \$8,214.00=\$ 5.906
Police Services	\$ 24,286.50	divided by \$8,214.00=\$ 2.956
Public Health Services	\$ 2,732.20	divided by \$8,214.00=\$.332
Fire Protection Services ...	\$ 18,984.11	divided by \$8,214.00=\$ 2.311
Street Department Services	\$ 55,771.62	divided by \$8,214.00=\$ 6.789
Street Lighting, Miscellaneous Services	\$ 33,638.91	divided by \$8,214.00=\$ 4.095
Sanitary Sewerage Services	\$ 26,787.38	divided by \$8,214.00=\$ 3.261
Comfort Station Services ..	\$ 1,496.38	divided by \$8,214.00=\$.182
Parks and Playground Services	\$ 8,898.46	divided by \$8,214.00=\$ 1.083
Total	\$221,111.11	divided by \$8,214.00=\$26.91

VALUE OF SERVICES RECEIVED PER CAPITA

Estimated Population 15,000
Population

Borough Administration	\$ 48,515.55	divided by 15,000=	\$ 3.234
*Police Services	\$ 24,286.50	divided by 15,000=	\$ 1.618
Public Health Services	\$ 2,732.20	divided by 15,000=	\$.182
Fire Protection Services	\$ 18,984.11	divided by 15,000=	\$ 1.265
Street Department Services ..	\$ 55,771.62	divided by 15,000=	\$ 3.718
Street Lighting — Miscellaneous Services	\$ 33,638.91	divided by 15,000=	\$ 2.242
Sanitary Sewerage Services ..	\$ 26,787.38	divided by 15,000=	\$ 1.785
Comfort Station Services	\$ 1,496.38	divided by 15,000=	\$.099
Parks and Playground Services	\$ 8,898.46	divided by 15,000=	\$.593
<hr/>			
Total	\$221,111.11	divided by 15,000=	\$14.74

*Not included in Police Services is the Parking Meter Account, the Revenue from which, including collections and fines, etc., amounted to \$16,813.75, and the Expenses of which, including operating and purchase of properties, etc., for Parking Lot, amounted to \$15,260.27.

Note: The Citizens of Chambersburg received in these services \$221,111.11 of Value for which Taxes were levied for Borough purposes in the amount of \$8,214.00. If you did not operate your Electric Light and Water Utilities at a handsome profit, the whole cost of these services would have to be paid for by Taxes, which would mean an increase in Taxes for Borough purposes of 26.91 times what they were in 1940.

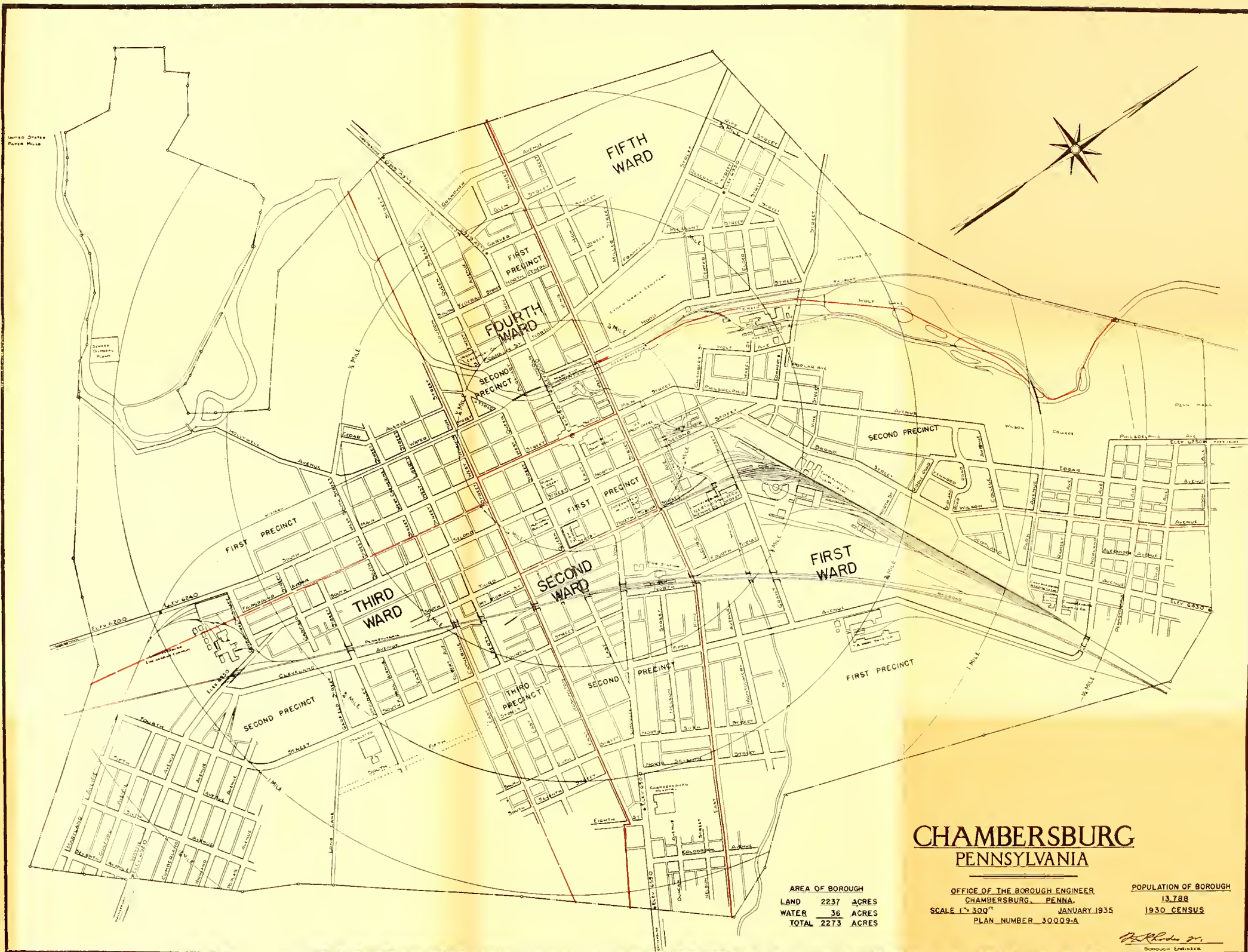
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